



**The British Association for the Advancement of Science**  
*Trading as*  
**The British Science Association (BSA)**

**Trustees' Annual Report**  
1 April 2020 to 31 March 2021

Charity registration number: 212479  
Scotland charity registration number: SC039236

## Summary

The BSA coped well with the challenges presented by the COVID-19 pandemic. Through a combination of adapting, virtualising and pausing our activities, we were able to achieve the majority of our programme goals. With support from our funders and the Coronavirus Job Retention Scheme, we avoided financial difficulties and achieved a modest surplus. We have developed an exciting and ambitious new vision, mission and strategic goals for the next ten years, leading up to the organisation's bicentenary in 2031.

## Section One: Objectives and Achievements

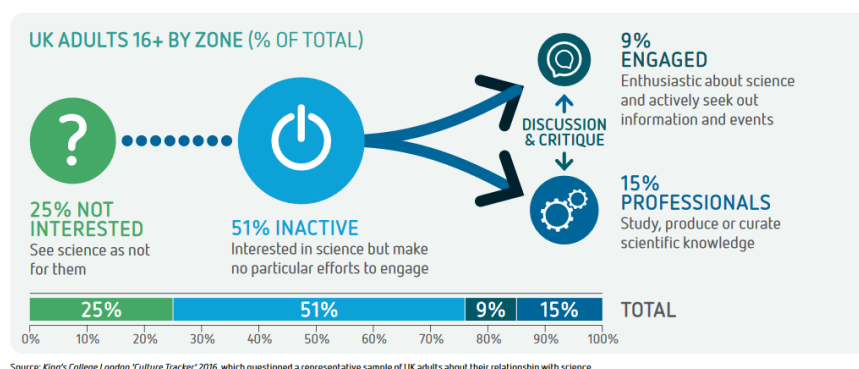
This year represented the final year of a three-year business plan in which our **vision** was of a world where science is seen as a fundamental part of our culture and society. Our **mission** was to transform the diversity and inclusivity of science; to reach under-served audiences and increase the number of people who are actively engaged and involved in science.

Our **strategic objectives** were:

1. Focus our activities on 'Not interested' and 'Inactive' audiences
2. Campaign for young people's experience of science education to engage all students, not just future scientists
3. Influence people who have a professional link with science to be more inclusive, reach more diverse audiences and see science as a cultural activity

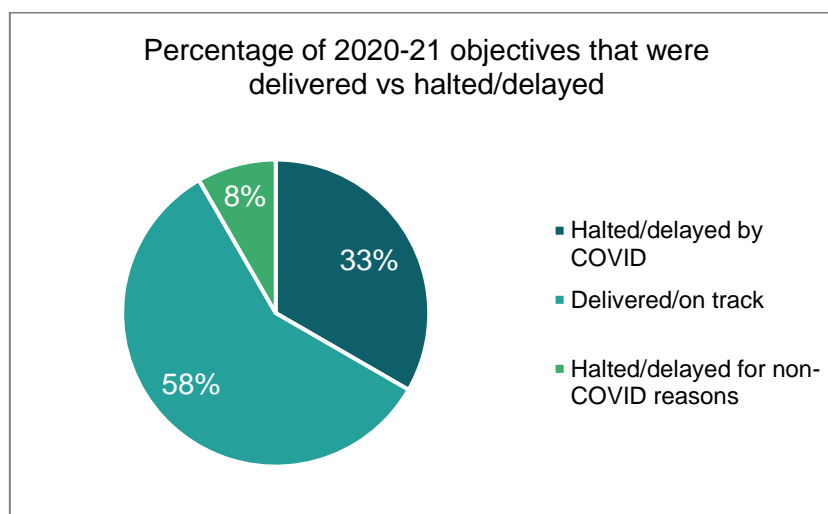
Our **audience model** helped us understand our audiences and our impact. The model divides people into four groups, called 'zones', depending on their relationship with science – their attitudes, behaviours and confidence around science.

The British Science Association's mission is to transform the diversity and inclusivity of science; to reach under-served audiences; and to increase the percentage of the UK population who are actively engaged and involved in science.



Our programmes and other activities aim to increase the number of people who are actively engaged in science, and ensure that this group is diverse, inclusive and representative of society.

Overall we achieved 76% of our 2020-21 business plan goals, though a sizable minority were delayed due to Covid.



Our main programmes, along with their key achievements during 2020-21, are described below.

**British Science Festival** <https://britishsciencefestival.org/>

An annual five-day celebration of science, hosted by a different University each September. The 2020 Festival was due to be hosted by Anglia Ruskin University in Chelmsford but was postponed until September 2021 due to the pandemic.

**British Science Week** [www.britishscienceweek.org/](http://www.britishscienceweek.org/)

An annual grassroots celebration of science with events and activities taking place in schools, local community groups and national cultural institutions across the UK. As well as free resources (schools' activity packs, marketing resources) and opportunities for the public to engage in the Week, we also provide 'micro grants' to schools and community groups to enable them to participate.

The 2021 British Science Week was mostly online and reached thousands of people across the UK. The theme for the Week was 'Innovating for the Future' and this inspired over 70,000 students to take part in our schools' poster competition with top entries selected by teachers and submitted digitally. We worked with presenters Maddie Moate and Greg Foot to commission two special editions of their 'Let's Go Live' YouTube show, for families and schools, which have received almost 30,000 views.

After the success of the Smashing Stereotypes digital campaign from the previous year, we continued with the campaign this year and provided a range of case studies from scientists, engineers and technicians to encourage STEM employees and researchers to share their stories about what they do in their day-to-day work – to highlight the diversity of the STEM workforce and the broad range of jobs and careers available.

We developed three activity packs for schools – Early Years, Primary and Secondary and explicitly linked them to our Smashing Stereotypes campaign to highlight diverse STEM role models. Our activity packs received over 100,000 downloads.

We awarded over 500 Kick Start grants to schools, for activities which reached over 12,000 participants. To be eligible, schools had to have a high proportion of pupils either eligible for pupil premium or from BAME backgrounds or be a small school in a remote and rural location. 68% of schools awarded grants met the pupil premium criteria, 35% met the BAME criteria and 29% were remote and rural. British Science Week coincided with the first week that schools went back post lockdown so many of the events and activities were run either virtually or socially distanced.

We awarded over 120 community grants to community groups to run events and activities both during and beyond British Science Week. To be eligible, community groups had to work with audiences who are traditionally under-represented in science - either people from ethnic minorities or disadvantaged in terms of education and income or with disabilities or living in a remote and rural location. The grants enabled over 13,000 participants to be involved - 31% of participants identified as non-White, 34% to have a disability and 14% of events were held in remote and rural locations. We asked all applicants to have a contingency plan in place in case of lockdown and most of the events and activities during the week were carried out virtually or in a socially distanced way.

#### Case study:

Transition Buxton is a climate change and environment Community Interest Company based in the north of England. Their aim is to bring people in the community together to work on projects that will help Buxton thrive and adapt in the face of climate change. For British Science Week, they sent out soil testing kits to families all around Buxton and used the results to create the Buxton Soil Map.

More detail here: [www.britishscienceweek.org/transition-buxton/](http://www.britishscienceweek.org/transition-buxton/)

#### **CREST Awards** [www.crestawards.org/](http://www.crestawards.org/)

The BSA's flagship education programme, which inspires young people to think and behave like scientists and engineers. CREST recognises young people's achievement in STEM project work and is available at a range of levels to suit students aged 5 to 19. Participation dipped while schools were closed but rose again afterwards.

We released a free 'CREST at home' resource for families, and then a '[low-resource](#)' section of the resource library to enable teachers and students to continue to run CREST remotely. Considering the challenges of the past year, we are delighted that over 22,000 young people across the UK have engaged in hands on STEM projects either at home or through school and achieved CREST Awards.

Level	CREST Submissions April 2020 - March 2021
Star	4,953
SuperStar	8,940
Discovery	2,470
Bronze	3,807
Silver	672
Gold	1,309
<b>Total</b>	<b>22,151</b>

This year, we developed two mapping/guidance resources to help teachers deliver the curriculum using CREST:

- Our CREST in the primary curriculum resource, funded by the Worshipful Company of Horners, was released in the Autumn term, and it has been well received online.
- In March, we then released the Gatsby funded guidance pack for running CREST to support the secondary curriculum: 'Investigative Practical Science in the Curriculum: Making it Happen'.

We have continued to promote CREST via CREST accreditation, using our new suite of accreditation materials, including kitemark and accreditation guidelines, gifs and statics to help cement partner links to CREST. Recent accreditations have included partnerships with Curiosity Box and Letterbox Lab. These STEM subscription box schemes represent an opportunity for much wider partnership building, and more fundable opportunities, for example, the Discovery level 'Potterbot' project run by Curiosity Box, which also linked up with British Science Week. During the week, over 70 schools in the Stoke opportunity area participated, as well as accredited boxes being distributed via foodbanks: [Pupils create 'potterbots' to explore science - Stoke-on-Trent Live \(stokesentinel.co.uk\)](https://www.stokesentinel.co.uk)

In 2020/21, the team have worked hard to move CREST Star, Superstar, Silver and Gold levels over to the Survey Monkey Apply platform, since the previous 'Fluid Review' platform was being discontinued. This involved a huge amount of technical work, as well as communications with users and the safe transfer of data. The transition has been successful, with very little disruption to CREST users.

### **CREST for Under-represented Audiences**

In order to fulfil our strategic aims of reaching audiences under-represented in science, we have continued to offer micro-grants, funded by UKRI, to help schools working with target audiences (pupils eligible for pupil premium or equivalent, or from minority ethnic backgrounds, or based in rural and remote locations) to engage with the CREST Award scheme. Despite school closures, demand for these grants remained healthy, and we were able to award 91 grants to schools around the UK, as well as offering these schools free CREST Awards for the year. 53% of the total grants were offered to primary schools, in line with our strategic aim to increase primary participation in CREST.

#### Case studies:

A primary school in Cheshire organised various projects eligible for Star/Superstar and Discovery awards including: a wind power machine, an alarm making kit, soap making kit, plastic sorting kit, dissolving kit and make your own plasma. They also planned to use STEM Ambassadors to support the projects via zoom meetings.

A community group in Lancashire delivered a STEM club for children aged 11 to 14, exploring the science behind different activities which the young people like to take part in e.g. magic, music, sport and art. Workshops were led by youth workers who encouraged the group to deliver their own STEM projects based on their own interests working towards

CREST Bronze and Silver awards. They then shared these with other young people to demonstrate their learning and new skills.

### **Under-represented Audiences (URA) Network**

In order to better meet the needs of young people from background that are underrepresented in science (and those who are teaching them) we have set up a new network of schools who have either received Kick Start (British Science Week) grants, or the CREST URA grants. These schools will be offered additional and ongoing opportunities and support to engage with our programme. So far we have over 300 teachers in the network, with approximately 1/3 being from secondary, 1/3 from primary and 1/3 from SEN schools.

We held focus group sessions with the URA network in November and March, with teachers from Primary, Secondary, FE and SEND settings. We discussed the immediate challenges they faced due to the pandemic, and also sought to understand how we could improve our grants programmes in the future. Appetite for STEM enrichment is high amongst this group as they see the benefits to their students at this time, however there was concern amongst the teachers that the 'catch up' narrative might mean that the focus is taken away from STEM and practical subjects by senior leaders, and resources removed from extra-curricular activities.

We discussed the needs of the teachers at this time and will be feeding this into our summer term plans for an online 'conference', as well as starting a new 'Buddies' program next year to connect more experienced CREST teachers with those new to doing CREST with their students.

### **CREST in Wales**

CREST has been supported by the Welsh government for many years, with all the secondary CREST levels being completely free for Welsh schools and increasing banks of translated resources available in both Welsh and English. We have continued this relationship this year, and made plans to extend the support offered, so that all CREST levels will be free in Wales from Summer 2021. This represents a significant show of confidence from the Welsh government both in the power of CREST to impact young people, and also in the BSA.

### **For Thought**      <https://forthought.uk/>

This year, we also re-launched the former Huxley Summit under a new name, *For Thought*. When we originally named the Summit after Thomas Huxley, we did so because we felt he (and, specifically, the famous Huxley/Wilberforce debate at our annual meeting in 1860) epitomised the spirit of the Summit: a platform to exchange ideas on emerging topics and pressing issues. But, throughout the course of 2020, we began looking more deeply at Huxley. We found he held views on race and genetics that aren't just antiquated by today's standards, they are offensive; they do not represent our views, values, philosophy or focus, nor our diverse community of speakers and attendees.

We have also expanded *For Thought* from a day-long event, held in London each November, to a series of events and activities. Due to the pandemic, these were all held online. The thought leadership programme aims to give leaders from business, policy, science and civil society a platform to address the key scientific and social challenges facing the world in the 21<sup>st</sup> century.

From January – March 2021, we held six virtual roundtables and three public-facing panel discussions on the topics of resilience, innovation and environmental prosperity. The roundtables involved around 80 leaders from business, science, policy and civil society while the events attracted an audience of almost 400 leaders which led to the *For Thought* report, 'Build Better: what can be learned from the COVID-19 pandemic to a resilient, innovative and prosperous future for all'.

### **All-Party Parliamentary Group (APPG) on Diversity & Inclusion in STEM**

[www.britishtscienceassociation.org/appg](http://www.britishtscienceassociation.org/appg)

The BSA provides the Secretariat for this APPG. It is chaired by Chi Onwurah MP and has members and officers from across the political spectrum and both Houses. The Group was re-formed in the wake of the general election and published the findings of its first inquiry into equity in STEM education in June 2020. The publication of the report generated coverage in national and education sector media and was well received by stakeholders in the sector. The Group will continue to press for reforms towards its recommendations.

In November, the Group launched its second inquiry about equity in the STEM workforce. During the call for evidence window (November 2020 to February 2021), the inquiry received over 80 submissions. We also held four expert roundtables in February and March to further explore the key issues.

### **UK Science Festivals Network (UKSFN)** <http://sciencefestivals.uk/>

The BSA manages the UKSFN which has a membership of more than 40 science festivals (and non-science festivals who programme science content) across the UK.

The fourth UK Science Festivals Network conference was held virtually and attracted 142 science festival organisers, partners and collaborators from 11 different countries. The effects of a global pandemic on festivals were one of the main topics for discussion – particularly the rise of remote engagement and combatting misinformation.

Our 'Making Connections' programme awards grants to Science Festivals to support them in engaging young people from low socio-economic backgrounds with research and provide a safe place for researchers to test out public engagement activities. We funded 10 projects across the UK. Projects ranged from digital dance workshops with young people with disabilities and movement specialists, to co-designing skateparks with young skaters and architectural researchers.

### **Future Forums** <https://www.britishtscienceassociation.org/future-forums>

Research undertaken by the BSA indicates young people do not feel able to have their say on the issues affecting their future. In our Future Forums programme, we work with research or policy organisations to gather the views of young people on new and emerging science and technology topics. This year we partnered with the Wellcome Centre for Human Genetics and Fusion to understand young people's views of COVID-19, genetics research and medical data.



### **Media Fellows**      [www.britishtscienceassociation.org/media-fellows](http://www.britishtscienceassociation.org/media-fellows)

The BSA's Media Fellowships provide a unique opportunity for practising scientists, clinicians and engineers to spend two to six weeks working at the heart of a media outlet such as the Guardian, BBC Breakfast or the Daily Mail. The Fellows are mentored by professional journalists and learn how the media operates and reports on science, how to communicate with the media and to engage the wider public with science through the media. The 2020-21 scheme was especially challenging due to widespread homeworking, however, we successfully placed five Fellows at national media outlets including BBC News, *The Economist*, WIRED UK and New Scientist. The BSA has decided to seek a new partner to host the scheme from next year.

### **Sustaining Excellence programme**

We continued to make good strides with this programme, despite the pandemic. We initially paused our organisation-wide equality, diversity & inclusion (EDI) training programme and meetings of the Inclusive Science Engagement Network (ISEN) in spring and summer; these resumed in the autumn. Once the training sessions had concluded, we worked with our learning partners to develop a legacy pack from the internal training sessions, to act as refresher content for existing staff and self-guided learning for new starters.

Our research agency delivered the results of their study of people self-identify as not interested or inactive towards science, which we have used to develop a series of principles to inform our future work. These were also discussed at a roundtable, hosted by BSA President Professor Lord Ara Darzi, with leaders from the science and science engagement sector alongside two of the BSA's Community Leaders.

### **The Ideas Fund**      [www.theideasfund.org](http://www.theideasfund.org)

In January 2021 we launched a new grants programme, which looks to support communities to work with researchers in trying out new ideas related to mental wellbeing. Funded by the Wellcome Trust, this pilot programme is being delivered in four areas of the UK (Hull, Oldham, North West, Northern Ireland and the Highlands and Islands of Scotland) and has a particular focus on reaching groups who have been under-served by this type of opportunity in the past. An intensive period of co-design work prior to the launch led to a supported application journey involving webinars, 1:1 discussions and the opportunity to be matched with a researcher. We'll be gathering learning on the approach of the Fund to both inform future rounds and share with the wider public engagement and research sectors.

### **BSA'S Historic Archive**

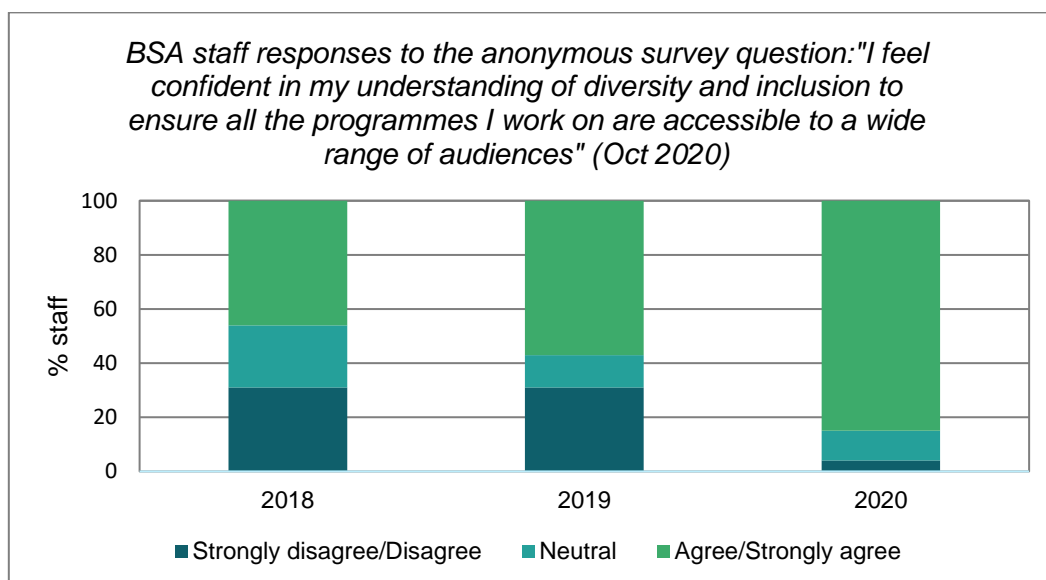
<https://www.wileydigitalarchives.com/british-association-for-the-advancement-of-science/>

Wiley launched an online digitised collection of the British Association's archives from 1831 to the 1970s, with funding from JISC.

### **Equality, diversity and inclusion**      <https://www.britishtscienceassociation.org/edi>

We succeeded in our aim to have a balance of speakers (no all-male or all-white panels) and audiences (50/50 male/female and representing different communities of the UK including non-scientists). We increased rates of staff understanding of EDI and inclusivity (as reported by staff in our annual staff survey, see graph below) and rolled out Time to Change and Disability Confident across the organisation.





The trustees confirm they have had regard to the guidance issued by the Charity Commission on public benefit.

### Key performance measures

Council uses a handful of key measures to track the BSA's performance and effectiveness.

**Financial efficiency:** This is calculated as the BSA's total overheads (Core Services and External Relations costs as a proportion of our total turnover) and remained similar to last year (23% in January 2021 compared to 22% in December 2019).

**Audience measures:** These measures capture the number of people participating in our programme and communications activities. Comparisons with last year are difficult because the previous financial year was 15 months long (in order to move our financial year period from a calendar year to a tax year) and due to Covid we did not capture audience participation data during the final quarter of this year. Even given the challenges of data capture and comparison, it is clear that our reach has been significantly affected by the pandemic.

#### Number of adults participating in BSA programmes

This figure was 15,421 for the period April to December 2020 which is 36% lower than the figure for the same period the previous year, largely due to the postponement of the annual British Science Festival.

We also look at the number of instances of BSA's work influencing policy which was three in this financial year – the same as in an equivalent period of the previous year.

#### Number of children and young people participating in BSA programmes

This figure was 40,245 for the period April to December 2020, which is 66% lower than the same period last year as a result of the school closures during the pandemic.

#### Number of people reached by our printed communications

This figure was 19,512,766 for the period April to December 2020, which is 35% lower than the figure for the same period last year, mostly due to the postponement of the British Science Festival and the impact of Covid on British Science Week.

Number of people reached by our digital communications

This figures was 74,174,305 for the period April to December 2020, which although still high, is 67% lower than the figure for the same period last year and reflects the postponement and scaling back of a handful of our programmes.

## **Section Two: Our future plans**

### *Our purpose*

## **We want a future where science is more relevant, representative, and connected to society**

Science is more than a body of research, people working in a lab or even the wider industry that surrounds that.

It's also a way of asking questions, making decisions, and understanding the world. Science is a tool that everyone in the UK could and should be able to use. In fact, for us to grow as a society, it's essential that they do.

The BSA helps to make all aspects of science more relevant, more representative, and more connected to everyday life.

### *Our mission*

## **Let's break down barriers...**

The science sector has many structural and system-wide barriers that it's time to remove. In particular, we're working with business leaders, policy makers, scientists, community leaders, teachers, and many others to say goodbye to the old stereotypes of who a scientist 'should be'. With their help, we're bringing more voices into the conversation, to help more people see science (in all its forms) as a relevant part of their lives.

### *Our vision*

## **...So good ideas can thrive**

The UK is bursting with potential. We're unlocking it. And we won't stop until people and communities who've typically been overlooked by science can confidently play their part.

We're striving for a future where everyone is represented and has their voice heard on the issues that matter to them. So, science goes beyond being a lesson at school and becomes a way of thinking and making decisions – about looking after your health, protecting the planet and choosing and using new technology.

In that future, everyone has the potential to contribute, whether it's through the ideas they engage with, the jobs they do or the lifestyles they lead.

In that future, scientists understand and include different perspectives, help more communities, and make even more breakthroughs.

In that future, society shapes science. And society is all the stronger for it.

### *Strapline*

## **A future where science is more relevant, representative, and connected to society.**

## Our values, personality and tone of voice

<b>Our values</b> How we behave as an organisation	<b>We are audience-focused</b>	<b>We are connective and inclusive</b>	<b>We are forward thinking</b>	<b>We are brave and challenging</b>
<b>Our personality</b> How people can relate to us	<b>Open</b>	<b>Collaborative</b>	<b>Bold</b>	<b>Optimistic</b>
<b>Our tone of voice</b> How we communicate	<b>Understandable</b>  We use everyday language that is open and inviting. Our communications aim to involve and engage more people – especially those from currently under-represented or marginalised groups – whilst being carefully tailored for the audience in question.	<b>Approachable</b>  We actively encourage open dialogue, listen to others' points of view, and, champion missing voices.	<b>Spirited</b>  We are honest and reflective about our work. We seek to both learn from and share best practice.	<b>Confident</b>  We are positive, energetic and pose interesting questions. We seek to challenge the status quo and are clear and upfront where we need to be.

## Ten-year objectives

A) For more people, especially those from currently under-represented groups, to feel that science is relevant to their lives

**Provide engagement** activities that effectively **reach and engage under-served audiences** with science and use these activities to **understand** and **disseminate** good practice.

**Enrich** young people's experience of science in a way that encourages more of them to see science as **relevant** to their lives and to **study/work** in science.

Partner with **communities** to enable them to **conduct, influence or apply** science/research e.g. involvement in discussions about emerging technologies, decisions on research funding priorities, citizen science.

B) For more people, especially those from currently under-represented groups, to play a bigger role, have a more powerful voice, and build stronger relationships in/with the STEM sector

**Amplify** the 'missing voices' in science to champion those whose voices are often overlooked in science-based conversations.

Set up **participatory structures** to facilitate dialogue, foster mutual understanding and transfer power between communities and science/research professionals.

Enable **collaboration and dialogue** to improve the way science is applied and used among business, policy and third sectors.

C) Build the capacity of the BSA and the science/research engagement sector to:

Understand and **address structural inequalities** in science engagement.

Advocate for the adoption of a more **participatory** and transformative form of science engagement.

Improve the BSA's/sector's **diversity** and **inclusivity**.

### **Section Three: Financial Review**

The Statement of Financial Activities shows net income for the year of £158,282 (2020: net income of £131,023) excluding net gains on investment assets of £158,678 (2020: £28,148 gain).

Key funders of activities during the year include UKRI, Anglia Ruskin University and the Wellcome Trust. The BSA does not engage in fundraising from the public.

Total income of £3.12 million was lower than last year (2020: £4.19 million).

Total expenditure of £2.96 million was lower than last year (2020: £4.0 million).

The expenditure on individual programmes shown on the SOFA is dependent on the activities within the programmes and the funding received.

#### **Funders/ sponsors:**

3M  
ACS  
Anglia Ruskin University  
Astra Zeneca  
Atos  
British Pharmacological Society  
British Society of Haematology  
British Society for Immunology  
Business Support Centre Leeds  
Drax  
Edinburgh Napier University  
Education Endowment Foundation (EEF)  
Ernst & Young (EY)  
Food & Farming Discovery Trust  
Future Plc (How It Works magazine)  
Gatsby Charitable Foundation  
Greater London Authority  
Harper Collins Publishers  
Hopscotch Consulting  
Institution for Engineering & Technology (IET)  
Institute of Biomedical Sciences  
Institute of Physics  
Into Film  
Institute for Research in Schools (IRIS)  
James Weir Foundation  
John Innes Centre  
Leeds Museums and Galleries  
Lloyds Register Foundation  
Mewburn Ellis  
National Farmers Union  
Natural Environment Research Council (NERC)



Natural History Museum (NHM)  
Nutrition Society  
OCR  
Physiological Society  
Quadram Institute Bioscience  
RELX /Elsevier  
Royal Academy of Engineering  
Royal Commission for the Exhibition of 1851  
Royal Society of Chemistry  
Sciencewise  
Society for Advanced Microbiology  
STEM Learning  
The Reading Agency  
The Royal Society  
The Worshipful Company of Horners  
Trainline  
University College London (UCL)  
UK Antarctic Heritage Trust (UKAHT)  
UK Centre for Ecology & Hydrology (UKCEH)  
UK Research and Innovation (UKRI)  
University of Cambridge  
University of the West of England  
University of York  
URENCO  
Wellcome Centre for Human Genetics  
Wellcome Trust  
Welsh Government  
WWF UK  
Yakult  
Zinc

## **Risk Management**

The purpose of the BSA's Risk Register is to enable the British Science Association's trustees to identify the main risks the charity faces and record how to deal with them. The information in this framework is reviewed by the Senior Management Team on a monthly basis and twice-yearly by the Audit & Risks Committee. The register is then available for review at Council meetings. A full overhaul of the risk register was undertaken in winter 2019.

This framework is divided into five areas based on Charity Commission guidance (CC26<sup>1</sup>):

1. Strategic risks
2. Operational risks
3. Financial risks
4. Governance risks

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<sup>1</sup> <https://www.gov.uk/government/publications/charities-and-risk-management-cc26/charities-and-risk-management-cc26#annex-1-risk-register-template-with-examples-of-use>

## 5. Compliance and legislative risks

Key areas of risk include:

1. Impact - risk of not achieving our desired impact. This is mitigated through breaking our strategic objectives into programme activities which are effectively evaluated. Progress is tracked quarterly against business plan and balanced scorecard measures.
2. Income – the risk of a shortfall against fundraising targets and a drop in investment value rose with the outbreak of coronavirus and consequent economic damage. Management accounts are reviewed monthly & forecast income/spend altered accordingly.
3. Ongoing implications of the pandemic – it is unclear what the picture for autumn 2021 and beyond will look like in the UK. Therefore we need to retain flexibility with our policies and guidelines in the event that our offices and facilities become unavailable again or programmes have to be adapted, postponed or cancelled at short notice.

### **Reserves policy**

At their meeting in March 2020, Council approved a revised, risk-based reserves policy, proposed by the Finance Committee. Reserves will be based on the following key principles:

1. Working capital provision - £500k to 800k
2. Loss or delay in funding - £800k
3. Wind down costs - £300k - £500k

Proposed reserves range to *aim for*: between £1.6m and £2.1m

The Trustees recognise that the current reserves are £1.7m and will continue to aim to work towards holding unrestricted reserves within the above range in the coming years.

The BSA's trustees are satisfied that there are no concerns about the BSA's existence as a going concern.

## **Section Four: Structure, Governance and Management**

### **Charter, statutes and rules**

The British Association for the Advancement of Science was founded in 1831 and is incorporated by Royal Charter. The Charter is dated 21 April 1928 and there have been Supplemental Charters dated 15 August 1960, 10 February 1997. The Association's Statutes were revised and approved by the Privy Council in May 2006. In April 2020, the Privy Council approved an updated version of the BSA's Charter and Statutes.

Council has approved Rules which are reviewed regularly by Council and may be altered by a majority vote in Council.

### **Registered and operating names**

The British Science Association is the operating name for (and a registered trademark of) the British Association for the Advancement of Science. The registered name of the charity remains as the British Association for the Advancement of Science.

### **Council**

The governing body of the British Science Association is Council. Members of Council comprise the following people who are entitled to vote at Council meetings:

- The Chair of
- The Vice (deputy) Chair
- The Treasurer
- Up to three Vice-Presidents who advise on specific matters
- Up to eight people appointed as determined by Council

In addition, the President, President-elect and immediate Past President, if not Trustees, are entitled to attend Council but not to vote.

Council normally meets four times a year, once per quarter. Its function is to agree a vision and strategy for the charity and to direct all the affairs and business of the organisation. Council may delegate its powers to the staff or its Committees.

Members of Council normally serve for a period of three years with the option of being reappointed for a further three years as long as any continuous period in office does not normally exceed six years. In exceptional circumstances, by two thirds majority vote in Council of all members present, a further year's extension is permitted.

### **Trustee induction and training**

Following their election or appointment, a standard induction pack is sent to all new Trustees before they attend their first Council meeting. The induction pack comprises relevant Association and Charity Commission documents and information including the Charity Governance Code. External training opportunities for new and existing Trustees are offered in addition to away days and ad hoc meetings. Council members are invited to meet staff to learn more about the Association's work before the beginning of each meeting, and also invited to many of the Association's events.

### Finance Committee (incorporating the Investment Committee)

The Finance Committee comprises four members of the Council plus the treasurer. Meetings are usually held four times a year and attended by the Finance Director and Chief Executive. Finance Committee advises Council on financial strategy and, in its role as the Investment Committee, oversees the work of our investment managers.

### Audit & Risks Committee

The Audit & Risks Committee appointments comprises two members of Council (including the Treasurer), an independent chair and one further independent member. It meets twice a year and meetings are attended by the Finance Director and Chief Executive.

Council has appointed a professional auditor of the Association, who is qualified for appointment as auditor of a company in accordance with the provisions of the Charities Act. The auditor attends meetings of the Committee as and when required.

### Council Members

Brian Ratcliffe and Suzi Gage extended their terms by 6 months whilst discussions regarding the future of General Committee were on-going, and then stepped down from Council in March 2020. Steven Hill stepped down in October after completing two terms. Five new trustees were appointed to Council through an open appointments process: Kate Mingay, Joe de Sousa, Rubina Ahmed, Kafui Tay and Raj Jethwa. Darryl Brissett-Dowe stepped down in March 2021 for personal reasons.

### Council: term dates, attendance register and membership of sub-Committees

#### Council member attendance 2020

Name	Role	Elected /appointed	Retiring	26 <sup>th</sup> March 2020	23 <sup>rd</sup> June 2020	1 <sup>st</sup> October 2020	10 <sup>th</sup> December 2020
Gisela Abbam	Chair	2019	2022	Y	Y	Y	Y
Matt Locke	Deputy Chair	2015	2021	Y	Y	Y	Y
Kalli Bowyer	Treasurer	2018	2021	Y	Y	Y	Y
Catherine Brown	VP Policy, Partnership & Impact	2019	2022	N	Y	N	Y
Stephen Nuttall	VP Engagement	2017	2024	Y	Y	Y	N
Louise Archer	VP Education	2015	2021	Y	Y	Y	Y
Suzi Gage	Trustee (elected)	2013	2020	Y	N/A	N/A	N/A
Sarah Main*	Trustee (elected)	2017	2023	N	Y	N	N
Brian Ratcliffe	Trustee (elected)	2013	2020	Y	N/A	N/A	N/A
Darryl Brissett-Dowe	Trustee (elected)	2019	2022	Y	Y	N	Y

Steven Hill	Trustee (appointed)	2014	2020	Y	Y	Y	N/A
Kafui Tay	Trustee (appointed)	2020	2023	N/A	N/A	Y	Y
Joe de Sousa	Trustee (appointed)	2020	2023	N/A	N/A	Y	Y
Kate Mingay	Trustee (appointed)	2020	2023	N/A	N/A	Y	Y
Raj Jethwa	Trustee (appointed)	2020	2023	N/A	N/A	Y	Y
Rubina Ahmed	Trustee (appointed)	2020	2023	N/A	N/A	Y	Y

*\*Sarah Main had a recurring conflict when most Council meetings were scheduled for the same day of the week and consequently the schedule for 2021 has been changed*

### Membership of sub-Committees

Name	Finance Committee	Audit & Risk Committee	Honorary Fellowship Committee	Nominations Committee
Gisela Abbam			Y	
Matt Locke	Y			Y
Kalli Bowyer	Y	Y		
Catherine Brown		Y		
Stephen Nuttall	Y			Y
Louise Archer			Y	
Sarah Main	Y			
Darryl Brissett-Dowe				Y
Steven Hill (Retired from Council Oct 2020)	Y			
Rubina Ahmed*	Y			
Joe de Sousa*			Y	
Raj Jethwa*		Y		
Kate Mingay*	Y	Y		
Kafui Tay*	Y		Y	

\*from October 2020

## **Section Five: Reference and Administrative details**

### **Senior Staff**

Katherine Mathieson	Chief Executive
Gill Riches	Director of Programmes
Amy MacLaren	Director of External Relations
Graeme Copestake	Director of Finance (outsourced)

### **Advisors**

Bankers	NatWest Bank plc, 208 Piccadilly, London, W1A 2DG
Solicitors	Veale Wasbrough Vizards LLP, 45 Clarendon Road, Watford, WD17 1SZ
Accounting	Crossley Group, Star House, Star Hill, Rochester, ME1 1UX
Independent auditors	Sayer Vincent, Invicta House, 108-114 Golden Lane, London, EC1Y 0TL
Investment advisors	James Hambro Partners LLP, 45 Pall Mall, London, SW1Y 5JG

### **Principal and registered office**

Wellcome Wolfson Building 165 Queen's Gate London SW7 5HD

### **Declarations**

The trustees declare that they have approved the trustees' report above.

Signed on behalf of the BSA's Council

Signature:

Name:	Gisela Abbam
Position:	Chair
Date:	5 October 2021



## **Independent Auditor's report to the members of The British Association for the Advancement of Science**

### **Opinion**

We have audited the financial statements of The British Association for the Advancement of Science (the 'charity') for the year ended 31 March 2021 which comprise the statement of financial activities, balance sheet, statement of cash flows and notes to the financial statements, including significant accounting policies. The financial reporting framework that has been applied in their preparation is applicable law and United Kingdom Accounting Standards, including FRS 102 *The Financial Reporting Standard applicable in the UK and Republic of Ireland* (United Kingdom Generally Accepted Accounting Practice).

In our opinion, the financial statements:

- Give a true and fair view of the state of the charity's affairs as at 31 March 2021 and of its incoming resources and application of resources, for the year then ended
- Have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice
- Have been prepared in accordance with the requirements of the Charities Act 2011 and of the Charities and Trustee Investment (Scotland) Act 2005 and regulation 8 of the Charities Accounts (Scotland) Regulations 2006 (as amended).

### **Basis for opinion**

We conducted our audit in accordance with International Standards on Auditing (UK) (ISAs (UK)) and applicable law. Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial statements section of our report. We are independent of the charity in accordance with the ethical requirements that are relevant to our audit of the financial statements in the UK, including the FRC's Ethical Standard and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### **Conclusions relating to going concern**

In auditing the financial statements, we have concluded that the trustees' use of the going concern basis of accounting in the preparation of the financial statements is appropriate.

Based on the work we have performed, we have not identified any material uncertainties relating to events or conditions that, individually or collectively, may cast significant doubt on The British Association for the Advancement of Science's ability to continue as a going concern for a period of at least twelve months from when the financial statements are authorised for issue.

Our responsibilities and the responsibilities of the trustees with respect to going concern are described in the relevant sections of this report.

## **Other Information**

The other information comprises the information included in the trustees' annual report, other than the financial statements and our auditor's report thereon. The trustees are responsible for the other information contained within the annual report. Our opinion on the financial statements does not cover the other information and, except to the extent otherwise explicitly stated in our report, we do not express any form of assurance conclusion thereon. Our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the course of the audit or otherwise appears to be materially misstated. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether this gives rise to a material misstatement in the financial statements themselves. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact.

We have nothing to report in this regard.

## **Matters on which we are required to report by exception**

We have nothing to report in respect of the following matters in relation to which the Charities (Accounts and Reports) Regulations 2008 and the Charities Accounts (Scotland) Regulations 2006 (as amended) require us to report to you if, in our opinion:

- The information given in the trustees' annual report is inconsistent in any material respect with the financial statements;
- Sufficient and proper accounting records have not been kept; or
- The financial statements are not in agreement with the accounting records and returns; or
- We have not received all the information and explanations we require for our audit

## **Responsibilities of trustees**

As explained more fully in the statement of trustees' responsibilities set out in the trustees' annual report, the trustees are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view, and for such internal control as the trustees determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the trustees are responsible for assessing the charity's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the trustees either intend to liquidate the charity or to cease operations, or have no realistic alternative but to do so.

## **Auditor's responsibilities for the audit of the financial statements**

We have been appointed as auditor under section 144 of the Charities Act 2011 and section 44(1)(c) of the Charities and Trustee Investment (Scotland) Act 2005 and report in accordance with regulations made under that Act.

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue

an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs (UK) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

Irregularities, including fraud, are instances of non-compliance with laws and regulations. We design procedures in line with our responsibilities, outlined above, to detect material misstatements in respect of irregularities, including fraud. The extent to which our procedures are capable of detecting irregularities, including fraud are set out below.

### **Capability of the audit in detecting irregularities**

In identifying and assessing risks of material misstatement in respect of irregularities, including fraud and non-compliance with laws and regulations, our procedures included the following:

- We enquired of management and the Finance and Audit Committee, which included obtaining and reviewing supporting documentation, concerning the charity's policies and procedures relating to:
  - Identifying, evaluating, and complying with laws and regulations and whether they were aware of any instances of non-compliance;
  - Detecting and responding to the risks of fraud and whether they have knowledge of any actual, suspected, or alleged fraud;
  - The internal controls established to mitigate risks related to fraud or non-compliance with laws and regulations.
- We inspected the minutes of meetings of those charged with governance.
- We obtained an understanding of the legal and regulatory framework that the charity operates in, focusing on those laws and regulations that had a material effect on the financial statements or that had a fundamental effect on the operations of the charity from our professional and sector experience.
- We communicated applicable laws and regulations throughout the audit team and remained alert to any indications of non-compliance throughout the audit.
- We reviewed any reports made to regulators.
- We reviewed the financial statement disclosures and tested these to supporting documentation to assess compliance with applicable laws and regulations.
- We performed analytical procedures to identify any unusual or unexpected relationships that may indicate risks of material misstatement due to fraud.
- In addressing the risk of fraud through management override of controls, we tested the appropriateness of journal entries and other adjustments, assessed whether the judgements made in making accounting estimates are indicative of a potential bias and tested significant transactions that are unusual or those outside the normal course of business.

Because of the inherent limitations of an audit, there is a risk that we will not detect all irregularities, including those leading to a material misstatement in the financial statements or non-compliance with regulation. This risk increases the more that compliance with a law or regulation is removed from the events and transactions reflected in the financial statements, as we will be less likely to become aware of instances of non-compliance. The

risk is also greater regarding irregularities occurring due to fraud rather than error, as fraud involves intentional concealment, forgery, collusion, omission or misrepresentation.

A further description of our responsibilities is available on the Financial Reporting Council's website at: [www.frc.org.uk/auditorsresponsibilities](http://www.frc.org.uk/auditorsresponsibilities). This description forms part of our auditor's report.

### **Use of our report**

This report is made solely to the charity's trustees as a body, in accordance with section 44(1)(c) of the Charities and Trustee Investment (Scotland) Act 2005, section 144 of the Charities Act 2011 and regulations made under section 154 of that Act. Our audit work has been undertaken so that we might state to the charity's trustees those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the charity and the charity's trustees as a body, for our audit work, for this report, or for the opinions we have formed.

17 December 2021

Sayer Vincent LLP, Statutory Auditor

Invicta House, 108-114 Golden Lane, LONDON, EC1Y 0TL

Sayer Vincent LLP is eligible to act as auditor in terms of section 1212 of the Companies Act 2006

British Association for the Advancement of Science

Statement of financial activities

For the year ended 31 March 2021

	Note	Unrestricted £	Restricted £	Year to 31 March 2021 Total £	Unrestricted £	Restricted £	31 March 2020 Total £
<b>Income from:</b>							
Donations and legacies	2	151,931	92,841	244,772	123,556	90,811	214,367
Charitable activities							
Engagement programmes	3	46,484	730,908	777,392	217,800	1,198,344	1,416,144
Education programmes	3	217,483	1,082,721	1,300,204	318,134	1,532,815	1,850,949
Policy, Partnerships & Impact	3	140,949	219,197	360,146	253,868	336,966	590,834
Grants Programme	3	-	430,100	430,100	-	96,703	96,703
Regions, branches and sections	3	-	-	-	-	4,604	4,604
Investments	4	11,927	-	11,927	20,377	-	20,377
<b>Total Income</b>		<b>568,774</b>	<b>2,555,767</b>	<b>3,124,541</b>	<b>933,735</b>	<b>3,260,243</b>	<b>4,193,978</b>
<b>Expenditure on:</b>	5						
Raising funds		88,444	92,841	181,285	116,077	-	116,077
Charitable activities							
Engagement programmes	5	184,353	698,908	883,261	321,253	1,190,548	1,511,801
Education programmes	5	6,434	1,077,064	1,083,498	(16,392)	1,548,976	1,532,584
Policy, Partnerships & Impact	5	218,586	127,506	346,092	385,928	404,917	790,845
Grants Programme	5	-	468,493	468,493	-	32,745	32,745
Regions, branches and sections	5	-	3,630	3,630	-	78,903	78,903
<b>Total expenditure</b>		<b>497,817</b>	<b>2,468,442</b>	<b>2,966,259</b>	<b>806,866</b>	<b>3,256,089</b>	<b>4,062,955</b>
<b>Net (expenditure) / Income before net gains on investments</b>		<b>70,957</b>	<b>87,325</b>	<b>158,282</b>	<b>126,869</b>	<b>4,154</b>	<b>131,023</b>
<b>Net gains on investments</b>		<b>158,678</b>	<b>-</b>	<b>158,678</b>	<b>28,148</b>	<b>-</b>	<b>28,148</b>
<b>Net expenditure for the period/year</b>	6	<b>229,635</b>	<b>87,325</b>	<b>316,960</b>	<b>155,017</b>	<b>4,154</b>	<b>159,171</b>
Transfers between funds	17	-	-	-	-	-	-
<b>Net Income / (expenditure) before other recognised gains and losses</b>		<b>229,635</b>	<b>87,325</b>	<b>316,960</b>	<b>155,017</b>	<b>4,154</b>	<b>159,171</b>
<b>Other gains / (losses)</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Net movement in funds</b>		<b>229,635</b>	<b>87,325</b>	<b>316,960</b>	<b>155,017</b>	<b>4,154</b>	<b>159,171</b>
<b>Reconciliation of funds:</b>							
Total funds brought forward		1,507,065	186,838	1,693,903	1,352,048	182,684	1,534,732
<b>Total funds carried forward</b>	16	<b>1,736,700</b>	<b>274,163</b>	<b>2,010,863</b>	<b>1,507,065</b>	<b>186,838</b>	<b>1,693,903</b>

All of the above results are derived from continuing activities. There were no other recognised gains or losses other than those stated above. Movements in funds are disclosed in Note 17 to the financial statements.

British Association for the Advancement of Science

Balance sheet

As at 31 March 2021

	Note	£	2021 £	2020 £
<b>Fixed assets:</b>				
Tangible assets	11		8,884	20,418
Investments	12		1,301,822	1,144,052
			<u>1,310,706</u>	<u>1,164,470</u>
<b>Current assets:</b>				
Debtors	13	490,375	420,470	
Cash at bank and in hand		1,187,156	793,721	
		<u>1,677,531</u>	<u>1,214,191</u>	
<b>Liabilities:</b>				
Creditors: amounts falling due within one year	14	(977,374)	(684,758)	
			<u></u>	<u></u>
<b>Net current assets</b>			700,157	529,433
<b>Total net assets</b>	16		<u>2,010,863</u>	<u>1,693,903</u>
<b>The funds of the charity:</b>	17			
Restricted income funds			274,163	186,838
Unrestricted income funds:				
Designated funds		1,138,548	1,126,861	
General funds		598,152	380,204	
		<u></u>	<u></u>	<u></u>
<b>Total unrestricted funds</b>			1,736,700	1,507,065
<b>Total charity funds</b>			<u>2,010,863</u>	<u>1,693,903</u>

Approved by the trustees on

. and signed on their behalf by

Gisela Abbam  
Chair of Council

Kalli Bowyer  
General Treasurer

5<sup>th</sup> October 2021



British Association for the Advancement of Science

Statement of cash flows

For the year ended 31 March 2021

	Note	Year to 31 March 2021		15 months to 31 March 2020	
		£	£	£	£
Cash flows from operating activities	19				
Net cash provided by / (used in) operating activities			384,555		148,041
Cash flows from investing activities:					
Dividends, interest and rents from investments		11,927		20,377	
Purchase of fixed assets		(3,955)		(2,663)	
Proceeds from sale of investments		338,373		694,642	
Purchase of investments		(457,741)		(610,941)	
Net cash provided by / (used in) investing activities			(111,396)		101,415
Change in cash and cash equivalents in the period			273,159		249,456
Cash and cash equivalents at the beginning of the period			987,753		738,297
Cash and cash equivalents at the end of the period	20		1,260,912		987,753

**1 Accounting policies**

**a) Statutory Information**

British Association for the Advancement of Science is an unincorporated charity registered with the Charity Commission in England & Wales and Scotland. The registered office address is Wellcome Wolfson Building, 165 Queen's Gate, London, SW7 5HD.

**b) Basis of preparation**

The financial statements have been prepared in accordance with Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) – (Charities SORP FRS 102). The Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and the Charities Act 2011.

The accounts have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair view'. This departure has involved following Accounting and Reporting by Charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued on 16 July 2014 rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

Assets and liabilities are initially recognised at historical cost or transaction value except that investments held as fixed assets are carried at market value as at the balance sheet date.

**c) Public benefit entity**

The Association meets the definition of a public benefit entity under FRS 102.

**d) Going concern**

The trustees consider that there are no material uncertainties about the Association's ability to continue as a going concern.

The trustees do not consider that there are any sources of estimation uncertainty at the reporting date that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next reporting period.

**e) Income**

Income is recognised when the Association has entitlement to the funds, any performance conditions attached to the income have been met, it is probable that the income will be received and that the amount can be measured reliably.

Income received for general purposes of the Association is credited to unrestricted funds. Income subject to specific wishes of the donor is credited to relevant restricted funds.

Subscription income is taken into the financial statements as a receipt in the year in which the subscription is received.

Income received in advance of the provision of a specified service is deferred until the criteria for income recognition are met.

Provision is made in the financial statements for income tax recoverable on gift aid donations.

Gross income received from the Association's investment portfolio is reinvested with the Association's portfolio fund managers for the acquisition of further stocks.

Interest on funds held on deposit is included when receivable and the amount can be measured reliably by the Association; this is normally upon notification of the interest paid or payable by the bank.

**f) Donations of gifts, services and facilities**

Donated professional services and donated facilities are recognised as income when the Association has control over the item or received the service, any conditions associated with the donation have been met, the receipt of economic benefit from the use by the Association of the item is probable and that economic benefit can be measured reliably. In accordance with the Charities SORP (FRS 102), volunteer time is not recognised. The trustees' annual report sets out more information about their contribution to the work of the Association.

**g) Fund accounting**

Restricted funds are to be used for specific purposes as laid down by the donor. Expenditure which meets these criteria is charged to the fund.

Unrestricted funds are donations and other incoming resources received or generated for charitable purposes.

Designated funds are unrestricted funds earmarked by the trustees for particular purposes.

1 Accounting policies (continued)

h) Expenditure and Irrecoverable VAT

Expenditure is recognised once there is a legal or constructive obligation to make a payment to a third party, it is probable that settlement will be required and the amount of the obligation can be measured reliably. Expenditure is classified under the following activity headings:

- Costs of raising funds relate to the costs incurred by the Association in inducing third parties to make voluntary contributions to it, as well as the cost of any activities with a fundraising purpose
- Expenditure on charitable activities includes the costs of delivering services, exhibitions and other educational activities undertaken to further the purposes of the Association and their associated support costs
- Other expenditure represents those items not falling into any other heading

Irrecoverable VAT is charged as a cost against the activity for which the expenditure was incurred.

i) Allocation of support costs

Resources expended are allocated to a particular activity where the cost relates directly to that activity. However, support cost (the cost of overall direction and administration of each activity, comprising the salary and overhead costs of the central function) is apportioned on the bases of an estimate, based on staff time, of the amount attributable to each activity.

Governance costs are the costs associated with the governance arrangements of the Association. These costs are associated with constitutional and statutory requirements and include any costs associated with the strategic management of the Association's activities. These costs are allocated to each activity based on staff time.

Cost of Raising Funds:	11%
Engagement programmes:	35%
Education programmes:	31%
Policy, Partnerships & Impact	11%
New Grants programme	12%

j) Operating leases

Where assets are financed by leasing agreement that give rights approximating to ownership ("finance leases"), the assets are treated as if they had been purchased outright. The amount capitalised is the present value of the minimum lease payments during the lease term. The corresponding leasing commitments are shown as obligations to the lessor.

k) Tangible fixed assets

Items of equipment are capitalised where the purchase price exceeds £100. Depreciation costs are allocated to activities on the basis of the use of the related assets in those activities. Assets are reviewed for impairment if circumstances indicate their carrying value may exceed their net realisable value and value in use.

Depreciation is provided at rates calculated to write down the cost of each asset to its estimated residual value over its expected useful life. The depreciation rates in use are as follows:

- Office equipment Straight line over 5 years
- Computer equipment Straight line over 3 years

l) Listed Investments

Investments are a form of basic financial instrument and are initially recognised at their transaction value and subsequently measured at their fair value as at the balance sheet date using the closing quoted market price. Any change in fair value will be recognised in the statement of financial activities. Investment gains and losses, whether realised or unrealised, are combined and shown in the heading "net gains/(losses) on investments" in the statement of financial activities. The Association does not acquire put options, derivatives or other complex financial instruments.

The Association's Investment Fund is invested in accordance with the Powers of Investment set out in the Schedule to the 1977 Supplemental Charter, which requires that at least 15% of the fund must comprise investments in Government and/or fixed interest securities, including interest-bearing cash deposits. Council has determined that the primary objective of investment policy should be to maintain the capital value of the fund in real terms over the long term.

m) Debtors

Trade and other debtors are recognised at the settlement amount due after any trade discount offered. Prepayments are valued at the amount prepaid net of any trade discounts due.

n) Cash at bank and In hand

Cash at bank and cash in hand includes cash and short term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account. Cash balances exclude any funds held on behalf of service users.

## For the year ended 31 March 2021

## 1 Accounting policies (continued)

## o) Creditors and provisions

Creditors and provisions are recognised where the Association has a present obligation resulting from a past event that will probably result in the transfer of funds to a third party and the amount due to settle the obligation can be measured or estimated reliably. Creditors and provisions are normally recognised at their settlement amount after allowing for any trade discounts due.

The Association only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value with the exception of bank loans which are subsequently measured at amortised cost using the effective interest method.

## p) Pensions

The Association operates under an auto enrolment scheme and auto enrolls the new employees into the Government's NEST scheme. Pre 1 July 2014, employees are in an AEGON pension scheme. The Association matches the minimum 1% contribution and pays (on a sliding scale) up to two times the contributions made by employees to the schemes which can range between 1% and 5% of gross salary. The pension charge recorded in these financial statements is the amount of contributions payable by the Association in the accounting year.

## 2 Income from donations and legacies

	Year to 31 March 2021			15 months to 31 March 2020		
	Unrestricted £	Restricted £	Total £	Unrestricted £	Restricted £	Total £
Subscriptions and donations	11,077	-	11,077	21,537	-	21,537
Donations and legacies income	65,383	-	65,383	-	-	-
Donated services and facilities – office space	62,468	-	62,468	76,554	-	76,554
Other income	13,003	92,841	105,844	25,465	90,811	116,276
	<b>151,931</b>	<b>92,841</b>	<b>244,772</b>	<b>123,556</b>	<b>90,811</b>	<b>214,367</b>

## 3 Income from charitable activities

	Year to 31 March 2021			15 months to 31 March 2020		
	Unrestricted £	Restricted £	Total £	Unrestricted £	Restricted £	Total £
British Science Festival	-	91,939	91,939	16,982	504,041	521,023
Other engagement programmes	46,484	638,969	685,453	200,818	694,303	895,121
Sub-total for engagement programmes	<b>46,484</b>	<b>730,908</b>	<b>777,392</b>	<b>217,800</b>	<b>1,198,344</b>	<b>1,416,144</b>
Education programmes	217,483	1,082,721	1,300,204	318,134	1,532,815	1,850,949
Policy, Partnerships & Impact	140,949	219,197	360,146	253,868	336,966	590,834
Grants Programme	-	430,100	430,100	-	96,703	96,703
Branches and sections	-	-	-	-	4,604	4,604
Total income from charitable activities	<b>404,916</b>	<b>2,462,926</b>	<b>2,867,842</b>	<b>789,802</b>	<b>3,169,432</b>	<b>3,959,234</b>

## 4 Income from Investments

	Year to 31 March 2021			15 months to 31 March 2020		
	Unrestricted £	Restricted £	Total £	Unrestricted £	Restricted £	Total £
Dividends	11,607	-	11,607	18,970	-	18,970
Interest	320	-	320	1,407	-	1,407
	<b>11,927</b>	<b>-</b>	<b>11,927</b>	<b>20,377</b>	<b>-</b>	<b>20,377</b>

## 5a Analysis of expenditure (current year)

	Charitable activities					Grants Programme	Governance costs	Support costs	Year to 31 March 2021
	Cost of raising funds	Engagement programmes	Education programmes	Policy, Partnerships & Impact	Regions, branches and sections				
	£	£	£	£	£	£	£	£	£
Staff costs (Note 7)	93,754	297,629	265,685	204,688	-	100,219	37,317	155,114	1,154,406
Direct costs	8,138	333,640	592,792	59,624	3,630	283,385	-	-	1,281,209
Investment managers' fees	-	-	-	-	-	-	-	10,430	10,430
Office costs	-	-	-	-	-	-	364	283,189	283,553
Depreciation and disposals	-	-	-	-	-	-	-	15,488	15,488
Legal and professional	-	-	-	-	-	-	7,331	28,654	35,985
Irrecoverable VAT	-	-	-	-	-	-	-	148,090	148,090
Office service charge	-	-	-	-	-	-	-	29,815	29,815
Office equipment	-	-	-	-	-	-	-	49	49
Insurance	-	-	-	-	-	-	-	7,135	7,135
Marketing and PR	-	-	-	-	-	-	-	99	99
	101,892	631,269	858,477	264,312	3,630	383,604	45,012	678,063	2,966,259
Support costs	74,451	236,305	211,013	76,689	-	79,605	-	(678,063)	-
Governance costs	4,942	15,687	14,008	5,091	-	5,284	(45,012)	-	-
Total expenditure for the year 31 March 2021	181,285	883,261	1,083,498	346,092	3,630	468,493	-	-	2,966,259



## 5b Analysis of expenditure (prior period)

	Charitable activities					Grants Programme	Governance costs	Support costs	15 months to 31 March 2020
	Cost of raising funds	Engagement programmes	Education programmes	Policy, Partnerships & Impact	Regions, branches and sections				
	£	£	£	£	£	£	£	£	£
Staff costs (Note 7)	46,105	443,480	396,846	280,903	-	3,007	30,593	225,286	1,426,220
Direct costs	51,603	663,999	773,896	340,502	78,903	26,963	-	-	1,935,866
Investment managers' fees	-	-	-	-	-	-	-	10,261	10,261
Office costs	-	-	-	-	-	-	3,323	376,304	379,627
Depreciation	-	-	-	-	-	-	-	21,281	21,281
Legal and professional	-	-	-	-	-	-	8,800	7,570	16,370
Irrecoverable VAT	-	-	-	-	-	-	-	193,861	193,861
Office service charge	-	-	-	-	-	-	-	68,676	68,676
Office equipment	-	-	-	-	-	-	-	945	945
Insurance	-	-	-	-	-	-	-	8,006	8,006
Marketing and PR	-	-	-	-	-	-	-	1,842	1,842
	97,708	1,107,479	1,170,742	621,405	78,903	29,970	42,716	914,032	4,062,955
Support costs	17,549.00	386,270	345,687	161,875	-	2,651	-	(914,032)	-
Governance costs	820.00	18,052	16,155	7,565	-	124	(42,716)	-	-
Total expenditure for the period 31 March 2020	116,077	1,511,801	1,532,584	790,845	78,903	32,745	-	-	4,062,955

Within direct costs, 1,386 grants totalling £592,467 were paid to institutions in the year.



**6 Net Income / (expenditure) for the period**

This is stated after charging :

	Year to 31 March 2021 £	15 months to 31 March 2020 £
Depreciation	15,101	21,281
Operating lease rentals:		
Property	29,815	68,676
Auditors' remuneration (excluding VAT):		
Audit	9,000	8,800

**7 Analysis of staff costs, trustee remuneration and expenses, and the cost of key management personnel**

Staff costs were as follows:

	Year to 31 March 2021 £	15 months to 31 March 2020 £
Salaries and wages	987,727	1,214,620
Social security costs	100,425	121,540
Employer's contribution to defined contribution pension schemes	66,254	90,060
	<b>1,154,406</b>	<b>1,426,220</b>

The following number of employees received employee benefits (excluding employer pension costs) during the period between:

	Year to 31 March 2021 No.	15 months to 31 March 2020 No.
£60,000 – £69,999	2	–
£70,000 – £79,999	–	1
£80,000 – £89,999	1	1
£90,000 – £99,999	–	–
> £100,000	–	1

The total employee benefits including pension contributions of the key management personnel were £260,389 (2020: £316,523).

The Council members were not paid nor received any other benefits from employment with the Association in the year (2020: £nil). No Council member received payment for professional or other services supplied to the Association (2020: £nil).

Council members' expenses represent the payment or reimbursement of travel and subsistence costs totalling £98 (2020: £2,201) incurred by 1 (2020: 8) members relating to attendance at Council meetings.

## 8 Staff numbers

The average number of employees (head count based on number of staff employed) during the period was as follows:

	Year to 31 March 2021 No.	15 months to 31 March 2020 No.
Fundraising, marketing and public relations	6.2	8.3
Engagement programmes	5.3	6.8
Educational programmes	8.2	6.8
Policy, Partnerships & Impact	4.4	4.7
Ideas Fund	1.2	-
Support and Governance	5.0	5.1
	<b>30.3</b>	<b>31.7</b>

## 9 Related party transactions

There are no related party transactions to disclose for 2021 (2020: none).

There are no donations from related parties which are outside the normal course of business and no restricted donations from related parties.

## 10 Taxation

The charity is exempt from corporation tax as all its income is charitable and is applied for charitable purposes.

## 11 Tangible fixed assets

	Fixtures and fittings £	Computer equipment £	Total £
<b>Cost</b>			
At the start of the year	28,082	111,579	139,661
Additions in year	1,187	2,768	3,955
Disposals in year	-	(82,463)	(82,463)
At the end of the year	<b>29,269</b>	<b>31,884</b>	<b>61,153</b>
<b>Depreciation</b>			
At the start of the year	21,582	97,661	119,243
Charge for the year	3,973	11,128	15,101
Eliminated on disposal	-	(82,075)	(82,075)
At the end of the year	<b>25,555</b>	<b>26,714</b>	<b>52,269</b>
<b>Net book value</b>			
At the end of the year	<b>3,714</b>	<b>5,170</b>	<b>8,884</b>
At the start of the Year	<b>6,500</b>	<b>13,918</b>	<b>20,418</b>

All of the above assets are used for charitable purposes.

## 12 Listed Investments

	2021 £	2020 £
Fair value at the start of the year	950,020	1,005,573
Additions at cost	457,741	610,941
Disposal proceeds	(338,373)	(694,642)
Net (loss)/gain on change in fair value	158,678	28,148
	<u>1,228,066</u>	<u>950,020</u>
Cash held by investment broker pending reinvestment	73,756	194,032
	<u>1,301,822</u>	<u>1,144,052</u>
Fair value at the end of the year		
	<u>1,301,822</u>	<u>1,144,052</u>
Historic cost at the end of the year	<u>1,146,270</u>	<u>955,912</u>

Investments comprise:

	2021 £	2020 £
Shares listed on the London Stock Exchange	1,228,066	950,020
Cash	73,756	194,032
	<u>1,301,822</u>	<u>1,144,052</u>

## 13 Debtors

	31 March 2021 £	31 December 2020 £
Trade debtors	103,660	161,188
Other debtors	65	5,182
Prepayments	52,446	67,533
Accrued income	334,204	186,567
	<u>490,375</u>	<u>420,470</u>

## 14 Creditors: amounts falling due within one year

	2021 £	2020 £
Trade creditors	118,809	26,549
Taxation and social security	47,588	51,309
Other creditors	114,354	106,497
Accruals	80,050	219,146
Deferred income	616,573	281,257
	<u>977,374</u>	<u>684,758</u>

**15 Deferred Income**

Deferred income comprises both fees received in advance of the delivery of the services and grants received for future financial periods.

	2021 £	2020 £
Balance at the beginning of the period	281,257	293,983
Amount released to income in the period	(281,257)	(293,983)
Amount deferred in the period	616,573	281,257
Balance at the end of the period	<u>616,573</u>	<u>281,257</u>

**16a Analysis of net assets between funds (current year)**

	Unrestricted £	Restricted £	2021 Total £
Tangible fixed assets	8,884	–	8,884
Investments	1,301,822	–	1,301,822
Net current assets	425,994	274,163	700,158
Net assets at the end of the year	<u>1,736,700</u>	<u>274,163</u>	<u>2,010,863</u>

**16b Analysis of net assets between funds (prior period)**

	Unrestricted £	Restricted £	2020 Total £
Tangible fixed assets	20,418	–	20,418
Investments	1,144,052	–	1,144,052
Net current assets	342,595	186,838	529,433
Net assets at the end of the period	<u>1,507,065</u>	<u>186,838</u>	<u>1,693,903</u>

## 17a Movements In funds (current year)

	At the start of the year £	Incoming resources & gains £	Outgoing resources & losses £	Transfers £	At the end of the year £
<b>Restricted funds:</b>					
Engagement programmes					
British Science Festival	-	91,939	(91,939)	-	-
Other engagement programmes	-	638,969	(606,969)	-	32,000
Education programmes	74,650	1,082,721	(1,077,064)	-	80,307
Policy, Partnerships & Impact	13,002	219,197	(127,506)	-	104,693
Grants programme	63,958	430,100	(468,493)	-	25,565
Branches	5,980	-	(3,630)	-	2,350
Sections and regions	29,248	-	-	-	29,248
Other	-	92,841	(92,841)	-	-
<b>Total restricted funds</b>	<b>186,838</b>	<b>2,555,767</b>	<b>(2,468,442)</b>	<b>-</b>	<b>274,163</b>
<b>Unrestricted funds:</b>					
Designated funds:					
Engagement programmes					
British Science Festival	94,000	-	(61,606)	115,793	148,187
Other engagement programmes	95,000	46,484	(122,746)	51,262	70,000
Education programmes	128,000	217,483	(6,435)	(172,048)	167,000
Policy, Partnerships & Impact	294,000	140,949	(218,586)	21,137	237,500
Grants programme	-	-	-	-	-
Contingency for wind-down costs	500,000	-	-	-	500,000
Innovation Fund	15,861	-	-	-	15,861
<b>Total designated funds</b>	<b>1,126,861</b>	<b>404,916</b>	<b>(409,373)</b>	<b>16,144</b>	<b>1,138,548</b>
<b>General funds</b>	<b>380,204</b>	<b>322,536</b>	<b>(88,444)</b>	<b>(16,144)</b>	<b>598,152</b>
<b>Total unrestricted funds</b>	<b>1,507,065</b>	<b>727,452</b>	<b>(497,817)</b>	<b>-</b>	<b>1,736,700</b>
<b>Total funds</b>	<b>1,693,903</b>	<b>3,283,219</b>	<b>(2,966,259)</b>	<b>-</b>	<b>2,010,863</b>

## 17b Movements in funds (prior period)

	At the start of the year £	Incoming resources & gains £	Outgoing resources & losses £	Transfers £	At the end of the year £
<b>Restricted funds:</b>					
George Green Memorial Fund	2,404	-	(2,404)	-	-
Engagement programmes					
British Science Festival	-	504,041	(492,841)	(11,200)	-
Other engagement programmes	-	694,303	(695,303)	1,000	-
Education programmes	-	1,532,815	(1,458,165)	-	74,650
Policy, Partnerships & Impact	80,953	336,966	(404,917)	-	13,002
Grants programme	-	96,703	(32,745)	-	63,958
Branches	67,864	4,504	(65,388)	(1,000)	5,980
Sections and regions	31,463	100	(13,515)	11,200	29,248
Other	-	90,811	(90,811)	-	-
<b>Total restricted funds</b>	<b>182,684</b>	<b>3,260,243</b>	<b>(3,256,089)</b>	<b>-</b>	<b>186,838</b>
<b>Unrestricted funds:</b>					
<b>Designated funds:</b>					
Engagement programmes					
British Science Festival	89,138	16,982	(93,682)	81,562	94,000
Other engagement programmes	144,515	200,818	(220,070)	(30,263)	95,000
Education programmes	34,798	318,134	(74,419)	(150,513)	128,000
Policy, Partnerships & Impact	176,392	253,868	(385,928)	249,668	294,000
Grants programme	-	-	-	-	-
Contingency for wind-down costs	500,000	-	-	-	500,000
Innovation Fund	23,361	-	(7,500)	-	15,861
<b>Total designated funds</b>	<b>968,204</b>	<b>789,802</b>	<b>(781,599)</b>	<b>150,454</b>	<b>1,126,861</b>
<b>General funds</b>	<b>383,844</b>	<b>172,081</b>	<b>(25,267)</b>	<b>(150,454)</b>	<b>380,204</b>
<b>Total unrestricted funds</b>	<b>1,352,048</b>	<b>961,883</b>	<b>(806,866)</b>	<b>-</b>	<b>1,507,065</b>
<b>Total funds</b>	<b>1,534,732</b>	<b>4,222,126</b>	<b>(4,062,955)</b>	<b>-</b>	<b>1,693,903</b>

## 18 Movements in funds – descriptions

## Purposes of restricted funds

Festival of Science

These are funds received specifically to deliver the Festival of Science and have been fully spent in the year.

Other engagement programmes

These are funds received specifically to deliver Engagement Programmes. At the year end some grant funding had not been fully spent and has been carried forward.

Ideas Fund

These are funds received directly to deliver the Ideas Fund programme. At the year end some grant funding had not been fully spent and has been carried forward.

18 Movements In funds – descriptions (continued)

Education

These are funds received predominantly to deliver work relating to the CREST awards. At the year end some grant funding had not been fully spent and has been carried forward.

Policy, Partnerships & Impact

These are funds received in order to deliver work in relation to the For Thought Summit. At the end of the year some grant funding had not been fully spent so this has been carried forward.

Sections

Sections raise their own funds as well as receive contributions from the engagement programmes. The majority of the balances are restricted funding from the British Science Festival.

**Purposes of designated funds**

British Science Festival

These are funds set aside by management in order to support the activities of the Science Festival during the coming financial year if required.

Engagement

These are funds set aside by management in order to support the activities of the Engagement team in the coming financial year if required.

Education

These are funds set aside by management in order to support the activities of the Education Team in the coming financial year if required.

Policy, Partnerships & Impact

These are funds set aside by management in order to support the activities of the PPI Team in the coming financial year if required.

Contingency for wind-down costs

We currently hold £500,000 in designated reserves as a contingency in the case of wind down.

Innovation Fund

The availability of this fund encourages our staff to develop and implement ideas that contribute to our strategic goals during the year.

Transfers between funds

Transfers have been made between funds to enable the right reserves to be available in the right areas as described above.

## 19 Reconciliation of net Income / (expenditure) to net cash flow from operating activities

	Year to 31 March 2021 £	15 months to 31 March 2021 £
Net Income / (expenditure) for the reporting period (as per the statement of financial activities)	316,960	159,171
Depreciation charges	15,101	21,281
(Profit)/loss on the disposal of fixed assets	388	-
(Gains)/losses on investments	(158,678)	(28,148)
Dividends, interest and rent from investments	(11,927)	(20,377)
(Increase)/decrease in debtors	(69,905)	78,060
Increase/(decrease) in creditors	292,616	(61,946)
Net cash provided by / (used in) operating activities	384,555	148,041

## 20 Analysis of cash and cash equivalents

	At 31 March 2020 £	Cash flows £	At 31 March 2021 £
Cash at bank and in hand	793,721	393,435	1,187,156
Cash awaiting investment	194,032	(120,276)	73,756
Total cash and cash equivalents	987,753	273,159	1,260,912

## 21 Operating lease commitments

The charity's total future minimum lease payments under non-cancellable operating leases is as follows for each of the following periods.

	Property	
	2021 £	2020 £
Less than 1 year	58,609	57,460
1 – 5 Years	234,438	229,841
Over 5 years	996,360	1,034,284
	1,289,407	1,321,585

The commitment relates to the service charge due under the Wellcome Wolfson Building lease. The term of the lease is for 40 years from 29 September 2003 increasing by inflation each year.



## 22 Detail of branches, and sections and regions restricted funds

	At the start of the period £	Incoming resources & gains £	Outgoing resources & losses £	Transfers £	At the end of the period £
Branches					
Cardiff	397	-	-	(397)	-
Derby	571	-	-	(571)	-
Exeter	483	-	-	(483)	-
North West Scibar Network	25	-	-	(25)	-
Reading	315	-	-	(315)	-
South East	295	-	-	(295)	-
South Wales	603	-	-	(603)	-
South Yorkshire	541	-	-	(541)	-
Swansea	400	-	-	(400)	-
For branches set-up	2,350	-	-	-	2,350
Total branches restricted funds	5,980	-	-	(3,630)	2,350

## 22 Detail of branches, sections and regions restricted funds (continued)

	At the start of the period	Incoming resources & gains	Outgoing resources & losses	Transfers	At the end of the period
Sections and regions					
Agriculture & Food	391	-	-	-	391
Anthropology	358	-	-	-	358
Biological Sciences	1,663	-	-	-	1,663
Chemistry	6,239	-	-	-	6,239
Economics	2,180	-	-	-	2,180
Education	1,465	-	-	-	1,465
Engineering	2,764	-	-	-	2,764
General	1,178	-	-	-	1,178
Geography	2,659	-	-	-	2,659
Geology	1,618	-	-	-	1,618
History of Science	239	-	-	-	239
Mathematics	1,625	-	-	-	1,625
Medical Sciences	1,819	-	-	-	1,819
Physics	762	-	-	-	762
Psychology	3,682	-	-	-	3,682
Science & The Arts	(32)	-	-	-	(32)
Sociology	638	-	-	-	638
Total sections and regions restricted funds	29,248	-	-	-	29,248