

Charity Registration Number: 1170548

SPACE SCIENCE AND ENGINEERING FOUNDATION
TRUSTEES' REPORT AND ACCOUNTS
FOR THE YEAR ENDED 31 AUGUST 2021

SPACE SCIENCE AND ENGINEERING FOUNDATION

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SPACE SCIENCE AND ENGINEERING FOUNDATION

TRUSTEES' REPORT

FOR THE YEAR ENDED 31 AUGUST 2021

The trustees present their report and accounts for the year ended 31 August 2021

Reference and Administrative Information

Charity name

SPACE SCIENCE AND ENGINEERING FOUNDATION

Charity Registered number

1170548

Trustees

Mr Jian He (Chairman)
Ms Trisha Saxena
Ms Katherine Helen Oliver
Ms Alison Ahearn
Dr Elizabeth Carla Luthman
Dr Richard Charles Ghail

Honorary President

Mr David Dangoor

Administrative Director

Director of Education and Outreach
Jennifer Lyons

Accountants

Crane & Johnston
30-32 Trebarwith Crescent
Newquay
Cornwall
TR7 1DX

Bankers

HSBC
16 King Street
Covent Garden
London
WC2E 8JF

Principal office

London
SW7 2AZ

SPACE SCIENCE AND ENGINEERING FOUNDATION

TRUSTEES' REPORT

FOR THE YEAR ENDED 31 AUGUST 2021

Objects of the Charity

To support Science, Space Studies and Engineering education in the United Kingdom, and to promote these subjects as career choices. To encourage young people from a mix of gender and educational backgrounds, to collaborate and work together through collaborative Space Design Challenges. To run a challenge that is based on an industry simulation, and is student led, differing substantially from traditional school Science curricula. To support the UK Space Design Challenge (UKSDC), which runs several regional feeder competitions for 15-18 year old students to a National Finals held annually in March at Imperial College London.

To support a group of 12 students each year to travel to the International Space Settlement Design Competition (ISSDC) held at NASA's Kennedy Space Center. To support the EU Space Design Competition (EUSDC) and the MEA (Middle East and Africa) Space Design Competitions which select a further twelve to twenty four students to attend the ISSDC in July. To help schools run their own Space Design Competitions purely for educational purposes. This work is often supported by volunteers, who are ex-students who previously took part in the Space Design Challenges and now wish to help spread the benefits of the programme to others. To encourage more children to study STEM (Science, Technology, Engineering and Mathematics) subjects at GCSE and A level by supporting the organisation of 'Galactic Challenges' for 9-14 year old students. This younger age group has been targeted in response to STEM studies that suggest that promoting STEM subjects at this age range can help to increase the numbers of students that will go on to study at GCSE and A level.

Review of Activities

The majority of our events took place online, with in excess of 1,500 students taking part. The students selected to represent the UK at the International Final at Kennedy Space Center attended online due to travel restriction, although the event itself was a hybrid of in person and online. The charity continues to have a balance of state schools and private schools, and similarly the gender mix, while variable, is generally equal. A large proportion of our volunteers for the charity are alumni of previous competitions who have gone on to university, and their input is invaluable in keeping the competition up to date with the latest social media, as well as supplying judges, CEO's and technical assistants for the running of the regionals, finals and Galactic Challenges. Some events are now fully alumni led, and we plan to extend our reach as our volunteers become more proficient and reliable. Our alumni also provide much of the intellectual property for the competitions.

Public benefit

The trustees confirm that they have referred to the guidance contained in the Charity Commission general guidance on public benefit when reviewing the charity's aims and objectives and in planning future activities and projects.

Our main activities and who we aim to help are outlined above.

Level of Reserves

At 31st August 2021 the charity held £54511.06 unrestricted funds. These funds are held in order to meet any unforeseen expenditure that may occur.

Risk Management

The trustees have assessed the major risks to which the charity is exposed, in particular those related to the operations and finances and student safety of the charity and are satisfied that systems are in place to mitigate our exposure to the major risks.

The accounts were approved by the Board on 17/12/2022 and signed on their behalf by:



Trisha Saxena
Trustee

SPACE SCIENCE AND ENGINEERING FOUNDATION
INDEPENDENT EXAMINERS' REPORT
TO THE TRUSTEES OF SPACE SCIENCE AND ENGINEERING FOUNDATION

I report on the accounts of the charity for the year ended 31 August 2021, which are set out on pages 4 to 6.

Respective responsibilities of trustees and examiner

The charity's trustees are responsible for the preparation of the accounts. The charity's trustees consider that an audit is not required for this year under section 144(2) of the Charities Act 2011 (the 2011 Act) and that an independent examination is needed.

It is my responsibility to:

- examine the accounts under section 145 of the 2011 Act);
- to follow the procedures laid down in the General Directions given by the Charity Commissioner under section 145(5)(b) of the 2011 Act); and
- to state whether particular matters have come to my attention.

Basis of independent examiner's statement

My examination was carried out in accordance with the General Directions given by the Charity Commissioner. An examination includes a review of the accounting records kept by the charity and a comparison of the accounts presented with those records. It also includes consideration of any unusual items or disclosures in the accounts, and the seeking of explanations from you as trustees concerning any such matters. The procedures undertaken do not provide all the evidence that would be required in an audit and, consequently no opinion is given as to whether the accounts present a 'true and fair view' and the report is limited to those matters set out in the statement below.

Independent examiner's statement

In connection with my examination, no matter has come to my attention:

- 1) which gives me reasonable cause to believe that, in any material respect, the requirements:
 - to keep accounting records in accordance with section 130 of the 2011 Act; and
 - to prepare accounts which accord with the accounting records and to comply with the accounting requirements of the 2011 Act have not been met: or
- 2) to which, in my opinion, attention should be drawn in order to enable a proper understanding of the accounts to be reached.



Phil Lamerton FCCA
Crane & Johnston
Chartered Certified Accountants
30-32 Trebarwith Crescent
Newquay

Dated 22nd December 2022

SPACE SCIENCE AND ENGINEERING FOUNDATION

RECEIPTS & PAYMENTS ACCOUNT

FOR THE YEAR ENDED 31 AUGUST 2021

	Unrestricted Funds £	Total 2021 £	Total 2020 £
RECEIPTS			
Receipts from charitable activities:			
Donation	75,477	75,477	92,525
Grants	10,000	10,000	25,500
Reimbursement	630	630	830
Sub total	86,107	86,107	118,855
Other Income			
CJRS & Covid SSP	14,004	14,004	6,915
Total Receipts	100,111	100,111	125,770
Costs of charitable activities:			
Wages & salaries	55,684	55,684	34,138
Other professional fees	1,500	1,500	9,060
IT & Software	654	654	557
Office Exp, Postage & stationery	967	967	891
Mobile	1,148	1,148	-
Subscription	79	79	-
Bank charges	39	39	-
Travel & Subsistence	9,152	9,152	10,388
Accountancy	3,492	3,492	1,066
Rent	-	-	934
Sundry	36	36	1,016
Sub total	72,751	72,751	58,050
Asset & Investment purchases			
Loans repaid	11,399	11,399	35,000
GSDC Loan	11,777	11,777	-
Total payments	95,927	95,927	93,050
NET OF (PAYMENTS)/RECEIPTS FOR THE YEAR	4,184	4,184	32,719
Cash funds last year end	50,326	50,326	17,607
CASH FUNDS THIS YEAR END	54,511	54,511	50,326

SPACE SCIENCE AND ENGINEERING FOUNDATION

STATEMENT OF ASSETS & LIABILITIES

AS AT 31 AUGUST 2021

	2021		2020	
	£	£	£	£
Cash funds				
Cash at bank		54,511		50,326
		<u>54,511</u>		<u>50,326</u>
Assets retained for the charity's own use				
Website		9,800		9,800
		<u>9,800</u>		<u>9,800</u>
Current Assets				
Loans		11,063		15,807
Wages		1,382		1,382
CJRS/C-19 SSP		-		1,976
		<u>12,444</u>		<u>19,165</u>
Current Liabilities				
Taxes and social security costs		7,941		5,583
		<u>7,941</u>		<u>5,583</u>

The accounts were approved by the Board on 17/12/2022 and signed on their behalf by:



Trisha Saxena
Trustee

SPACE SCIENCE AND ENGINEERING FOUNDATION

NOTES TO THE ACCOUNTS

FOR THE YEAR ENDED 31 AUGUST 2021

1 Accounting policies

1.1 Basis of preparation

The accounts have been prepared on the receipts and payments basis. The accounts are in accordance with applicable accounting standards and comply with the Charity (Accounts and Reports) regulation issued under the Charities Act 2011.

1.2 Receipts

Receipts are the total amounts received by the charity for supporting the Space Design Competition.

1.3 Payments

Expenditure is included on a payment basis, inclusive of VAT which cannot be recovered

2 Trustees

None of the trustees (or any persons connected with them) have received any remuneration during the year. The following Trustees have been reimbursed for general expenses.

3 Employees

31/08/2021
Number

Average number of employees during the year

2

There were no employees whose emoluments were £60,000 or more.