

TEACHER SCIENTIST NETWORK
(A company limited by guarantee)

REGISTERED CHARITY NO 1096208
COMPANY NO 4556366

REPORT AND FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 MARCH 2022

TEACHER SCIENTIST NETWORK

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TEACHER SCIENTIST NETWORK
TRUSTEES' ANNUAL REPORT
FOR THE YEAR ENDED 31 MARCH 2022

The Trustees present their report and unaudited financial statements for the year ended 31 March 2022.

Reference and Administrative Information

Charity name:	Teacher Scientist Network
Charity registration number:	1096208
Company registration number:	4556366
Registered office and operational address:	John Innes Centre Norwich Research Park Colney Norwich Norfolk NR4 7UH Tel: Norwich (01603) 450000
Trustees:	Prof P Nicholson (chair) Prof K Roberts OBE Dr P H Smith MBE
Directors:	Prof P Nicholson Dr P H Smith MBE
Company Secretary:	Dr P H Smith MBE
Bankers:	Barclays Bank Plc 5 – 7 Red Lion Street Norwich Norfolk NR1 3QH
Independent Examiner:	Tony Larnar Chartered Certified Accountants 23 Station Road Sheringham Norfolk NR26 8RF

TEACHER SCIENTIST NETWORK
TRUSTEES' ANNUAL REPORT
FOR THE YEAR ENDED 31 MARCH 2022

STRUCTURE, GOVERNANCE AND MANAGEMENT

Governing Document

The organisation is a charitable company limited by guarantee, incorporated on 8 October 2002 and registered as a charity on 25 February 2003. The company was established under a Memorandum of Association which established the objects and powers of the charitable company and is governed under its Articles of Association. At 31 March 2022 there were 12 members, each of whom were liable to contribute a sum not exceeding £1 if required in the event of the company being wound up.

Appointment of Trustees

The current Trustees may appoint a person who is willing to act to be a Trustee, either to fill a vacancy or as an additional Trustee. There is no maximum number of Trustees set by the Memorandum and Articles of Association. A Trustee appointed in this way shall hold office only until the next following AGM when he or she must be re-appointed.

Induction and training of Trustees

On appointment to the Council, Trustees are provided with copies of:

- The charity's constitution
- The latest accounts of the Charity

and are encouraged to read Charity Commission guidance notes CC3 – "Responsibilities of Charity Trustees"

In addition, Trustees are encouraged to read Charity Commission and other newsletters and to attend courses designed to keep them abreast of their duties and responsibilities.

Risk Management

The Board understands that long-term reliance on grant funding has risks. Despite these risks, grant funding and consultancy work are our primary sources of income. The last 12 months have continued to be heavily disrupted by the ongoing effect of the global pandemic, caused by COVID-19. There is a slow-return to a 'new normal' but schools remain reluctant to engage with external visitors and their focus is on 'catch-up' focused upon English and Maths. We continue to work with volunteers and regular collaborations.

Organisational structure

The Board of Trustees meets on a regular basis to monitor the progress of the Charity, to make key decisions and to see that legal requirements such as those of the Registrar of Companies, the Charity Commissioners, and other regulatory bodies are adhered to. The Board of Trustees has delegated areas of responsibility to the Steering Group, including the day-to-day running of the Charity. These meetings have been more limited in the last 12 months, and have utilised online tools in the absence of face to face meetings.

During the year the Charity was staffed by a full-time coordinator (Dr Philip H Smith).

TEACHER SCIENTIST NETWORK
TRUSTEES' ANNUAL REPORT (CONTINUED)
FOR THE YEAR ENDED 31 MARCH 2022

OBJECTS AND ACTIVITIES

The objects of the charity are to promote education in and teaching of science in schools, colleges, universities and any other educational establishments mainly, but not exclusively, within the County of Norfolk.

The Teacher Scientist Network (TSN) mission statement remains unchanged; to enhance science in schools across Norfolk:

- Through the supportive involvement of the local science community in science education
- By encouraging activities of mutual benefit to both scientific and educational communities
- By providing support, advice and resources to the teachers and scientists involved in the network
- By regularly reviewing, adapting and updating activities in accordance with the changing needs of the network's members

Public benefit

The Trustees have had due regard to the Charity Commission's guidance on public benefit and review the position annually.

TSN works with all schools who wish to work with us. Now, more than ever, schools need support in all subjects but periods of school closure and limits upon visitors and the sharing of resources severely limited our activity in the reporting period. TSN utilised the government furlough scheme to help sustain the charity over this period.

TSN is generously hosted by in-kind support from the John Innes Centre. We are also bound by their rules and Health & Safety guidance. The site actively encouraged 'home working' with a period of approximately 2 months when we were encouraged not to be on site. Home working became the norm when TSN's coordinator was working. We are grateful for JIC's ongoing support and the value they place in our activities.

ACHIEVEMENTS AND PERFORMANCE

Income and activities

The period of this report, April 2021 – March 2022, continued to be a very uncertain period for our charity. It began with a tentative re-opening of schools, and a continued period of part-time furlough. Spring 2021 marked the second reopening of schools - with limited engagement of external organisations and reluctance or inability to release staff. Schools just wished 'to get to the end of the year' (Summer 2021) and did not really engage. We were able to run a series of Amgen Teacher Training Labs in the Summer – in socially distanced labs complemented by an extensive online offer.

Funders continued to be sympathetic and have allowed projects to roll-over into the later academic years. We summarise the position here:

Orsted (ECCF)

We ran a remote training session to engage another 2 schools (Springwood HS and Skegness Academy) at Springwood HS in King's Lynn. The kit and trainer from V3-power Zooming in to deliver the session. This enabled a full series of loans to be scheduled for academic year 2021-22, completing activity on this project (funded through Grantscape).

Dudgeon (NCF)

A combination of factors (COVID and additional issues for schools) meant that these projects made little progress. With agreed funding available, Norfolk Community Foundation have allowed these projects to roll-over and be given longer to come to fruition.

PSQM

Continued with online delivery and online mentoring.

TEACHER SCIENTIST NETWORK
TRUSTEES' ANNUAL REPORT (CONTINUED)
FOR THE YEAR ENDED 31 MARCH 2022

Amgen (ABE)

Hybrid training sessions offered in Summer 2021, with loans re-started in September 2021. Additional online activities continue to be offered a part of the offer from the UK-hubs.

PHERECLOS (EU, H2020)

Consortium meetings limited to online throughout the period with no face to face meetings possible. Some progress on this project as, in our case, it is desk-based. At the end of the period, a group of us – concerned with advocacy in the project managed a short face to face meeting in Copenhagen (March 2022). With just over a year left on this project, all remain hopeful that the final conference (scheduled for September 2022) could go ahead in a face to face format.

The much-anticipated visit of Dippy the Dinosaur to Norwich Cathedral was rescheduled to July 2021. TSN was never going to receive significant income from this project – it was hoped that positive publicity would be the major benefit, although a shrunk-back, risk-free series of activities and Phil's absence from Norwich on the opening day (due to commitments with the ABE programme) limited this somewhat.

A sci-art project, in collaboration with Norfolk artist Kate Munro did give us a very small income for a sculpture that toured 6 schools (schools previously engaged with science content around global food security), and we arranged for 4 scientists to have online meetings with graphic illustrator Rebecca Osborne. The outputs from these conversations became 4 large panels that were placed around Dippy and enabled us to use Dippy as a vehicle to engage audiences with contemporary science. TSN did organize a small teacher-gathering, around Dippy, in October 2021, which was not the event we originally envisaged but more than had seemed possible 6 months earlier!

Kit Club activity has been slow to return to normal, although a number of regular users did re-engage in academic year 2021-22. Excitingly, we were contacted by Claire Willis during Summer 2021 to inform us that she had tracked down and now had access to a collection of kits, originally provided by TSN to the NE Science Learning Centre (approx. 2008) and she had plans to offer these to schools through the STEM Ambassador Hub North-East. This emergence from the ashes, and her invitation to me to run a virtual CPD linked to the kits, was a real highlight from this year.

TSN was also asked to contribute to running a practical course as a part of the JIC Master's course in Genetics and Plant Breeding, utilizing the expertise of TSN's coordinator and the access to clean training equipment through the TSN Kit Club. This opportunity provided a vital source of income for the year.

PERSONNEL ISSUES

TSN was only able to employ 1 person, its coordinator, Dr. Phil Smith during this reporting period (April 2021 – March 2022). Our use of volunteers has continued, although limited by public health concerns described above.

STEERING GROUP ACTIVITY

A single online meeting of the Steering Group was held in the period of this report to keep all members informed and ensure their support going forward.

TEACHER SCIENTIST NETWORK
TRUSTEES' ANNUAL REPORT (CONTINUED)
FOR THE YEAR ENDED 31 MARCH 2022

FINANCIAL REVIEW

Within unrestricted funds, incoming resources amounted to £46,703 and expenditure £51,427, resulting in net outgoing resources of £4,724.

Investment Powers

Under the Memorandum and Articles of Association, the Trustees have the power to invest the monies of the charity not immediately required for the furtherance of its objects in or upon such investments, securities or property as may be thought fit. This is not a consideration at this time.

Reserves Policy

TSN is currently in a period of 'hand-to-mouth' activity and whilst a policy of the Trustees to retain sufficient reserves to support the costs of operating the charity for a six-month period exists (approximately £26,000) we are currently struggling to fund the organisation full-time.

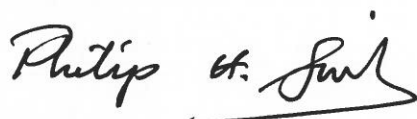
Plans for the Future

In the harsh economic climate that has followed Brexit and the pandemic, TSN's future looks very uncertain. We are starting to explore part-time options for employing its coordinator going forward. The current situation in schools, with increased financial hardship and issues around staff retention, our role remains highly beneficial to schools but arguably, an 'added luxury' in terms of paying for Kit Club membership (with many of our activities remaining free at point of delivery). We aspire to engage a funder who recognizes this and would be willing to fund existing activity and not continue to seek 'novel' one-off projects.

Trustees

Members of the Board of Directors, who are directors for the purpose of company law and Trustees for the purpose of charity law, who served during the year and up to the date of this report are set out on page 1.

By Order of the Board.



Dr P H Smith
Secretary

30 March 2023

INDEPENDENT EXAMINERS' REPORT

TO THE TRUSTEES OF TEACHER SCIENTIST NETWORK
FOR THE YEAR ENDED 31 MARCH 2022

We report on the accounts of the company for the year ended 31 March 2022, which are set out on pages 7 to 12.

RESPECTIVE RESPONSIBILITIES OF TRUSTEES AND EXAMINER

The Trustees (who are also the directors of the company for the purposes of company law) are responsible for the preparation of the accounts. The Trustees consider that an audit is not required for this year under section 144 of the Charities Act 2011 (the 2011 Act) and that an independent examination is needed.

It is our 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 Commission under section 145(5)(b) of the 2011 Act; and
- to state whether particular matters have come to our attention

BASIS OF INDEPENDENT EXAMINERS' REPORT

Our examination was carried out in accordance with the general directions given by the Charity Commission. 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 seeking 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 EXAMINERS' STATEMENT

In connection with our examination, no material matters have come to our attention which gives us cause to believe that, in any material respect:

- the accounting records were not kept in accordance with section 130 of the 2011 Act; or
- the accounts did not accord with the accounting records; or
- the accounts did not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair' view which is not a matter considered as part of an independent examination.

We have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

Tony Larner

Tony Larner
Chartered Certified Accountants
23 Station Road
Sheringham
Norfolk
NR26 8RF

30 March 2023

TEACHER SCIENTIST NETWORK
STATEMENT OF FINANCIAL ACTIVITIES
FOR THE YEAR ENDED 31 MARCH 2022

	Notes	General Fund £	Restricted Fund £	2022 Total £	2021 Total £
INCOMING RESOURCES					
Income from generated funds:					
Donations	4	4,034	-	4,034	4,984
Income from charitable activities:					
Grants	4	28,984	-	28,984	9,446
Membership fees		2,080	-	2,080	1,470
Planetarium hire		100	-	100	-
Other events		840	-	840	600
HMRC CJRS claims		10,665	-	10,665	13,963
Total incoming resources		46,703	-	46,703	30,463
RESOURCES EXPENDED					
Charitable activities	5	50,735	-	50,735	50,563
Governance costs	5	692	-	692	814
Total resources expended		51,427	-	51,427	51,377
NET MOVEMENT IN FUNDS		(4,724)	-	(4,724)	(20,914)
Total funds brought forward		(5,924)	-	(5,924)	14,990
Total funds carried forward		(10,648)	-	(10,648)	(5,924)

The statement of financial activities includes all gains and losses recognised in the year.

The notes on pages 9 to 12 form an integral part of these accounts.

TEACHER SCIENTIST NETWORK
REGISTERED NUMBER 4556366

BALANCE SHEET

AS AT 31 MARCH 2022

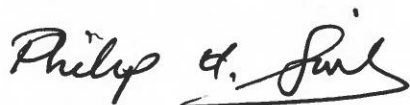
	Notes	2022 £	2021 £
Current Assets			
Debtors	7	16,503	9,858
Cash at bank and in hand		6,185	18,360
		<hr/>	<hr/>
		22,688	28,218
Creditors: amounts falling due within one year	8	(33,336)	(34,142)
		<hr/>	<hr/>
Net Assets		<hr/> <hr/> (10,648)	<hr/> <hr/> (5,924)
Funds	9		
General Fund		<hr/> <hr/> (10,648)	<hr/> <hr/> (5,924)

The Trustees are satisfied that the company was entitled to exemption from audit under section 477 of the Companies Act 2006 and that members have not required the company to obtain an audit for the year in question in accordance with section 476 of the Companies Act 2006.

These accounts have been prepared in accordance with the provisions applicable to companies subject to small companies' regime.

The Trustees acknowledge their responsibilities for complying with the requirements of the Companies Act 2006 with respect to accounting records and the preparation of financial statements.

These financial statements were approved by the Trustees on 30 March 2023 and are signed on their behalf by:



Dr P H Smith
Director

The notes on pages 9 to 12 form an integral part of these accounts.

TEACHER SCIENTIST NETWORK
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 MARCH 2022

1. ACCOUNTING POLICIES

The principal accounting policies are summarised below. The accounting policies have been applied consistently throughout the year and in the preceding period.

(a) Basis of accounting

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) (effective 1 January 2015) - (Charities SORP (FRS 102)), the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and the Companies Act 2006.

(b) Fund accounting

- Unrestricted funds are available for use at the discretion of the Trustees in furtherance of the general objectives of the charity.
- Restricted funds are subject to restrictions on their expenditure imposed by the donor or through the terms of an appeal.

(c) Incoming resources

All incoming resources are included in the statement of financial activities when the charity is entitled to the income and the amount can be quantified with reasonable accuracy. The following specific policies are applied to particular categories of income:

- Voluntary income is received by way of grants, donations and gifts and is included in full in the Statement of Financial Activities when receivable.
- Investment income is included when receivable.
- Incoming resources from charitable trading activity are accounted for when earned.
- Incoming resources from grants, where related to performance and specific deliverables, are accounted for as the charity earns the right to consideration by its performance.

(d) Resources expended

Expenditure is recognised on an accruals basis as a liability is incurred.

- Charitable expenditure comprises those costs incurred by the charity in the delivery of its activities and services for its beneficiaries. It includes both costs that can be allocated directly to such activities and those of an indirect nature necessary to support them.
- Governance costs include those costs associated with meeting the constitutional and statutory requirements of the charity and include accountancy fees and costs linked to the strategic management of the charity.
- All costs are allocated between the expenditure categories of the Statement of Financial Activities on a basis designed to reflect the use of the resource.

(e) Tangible fixed asset

The cost of kits distributed to schools is written off in the year of purchase. Individual fixed assets costing £100 or more are capitalised at cost and depreciated on a straight-line basis over their estimated useful lives as follows:

Computer equipment -	25% straight line
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TEACHER SCIENTIST NETWORK

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 MARCH 2022

2. Taxation

The company has no liability to corporation tax on its income and surpluses arising during the year.

3. Net Incoming Resources	2022 £	2021 £
This is stated after charging:		
Directors' remuneration	<u>37,260</u>	<u>37,260</u>

4. Grants and Donations	General Fund £	Restricted Fund £	2022 Total £	2021 Total £
Voluntary income:				
Donations	-	-	-	-
John Innes Centre donation	4,034	-	4,034	4,984
	<u>4,034</u>	<u>-</u>	<u>4,034</u>	<u>4,984</u>
Charitable activities:				
UoHerts - ABE	12,756	-	12,756	4,670
Primary Science Quality Mark	180	-	180	1,830
BIO-7015Y Msc Practical Course	6,900	-	6,900	-
Consultancy	5,400	-	5,400	-
Kit Club	570	-	570	-
ECCF Grantscape	3,178	-	3,178	-
Dudgeon Award grant	-	-	-	2,946
	<u>28,984</u>	<u>-</u>	<u>28,984</u>	<u>9,446</u>
Total Grants and Donations	<u>33,018</u>	<u>-</u>	<u>33,018</u>	<u>14,430</u>

The Amgen Biotechnology Experience programme is a grant received via the University of Hertfordshire for the implementation of the Amgen Biotechnology Experience (formally the Amgen Bruce Wallace Molecular Biology Project).

Teacher Scientist Network is contracted to the University of Hertfordshire to support and mentor science subject leaders in primary schools wishing to gain a Primary Science Quality Mark for their school (www.psqm.org.uk).

Teacher Scientist Network is one of 16 partners receiving funding across 3 years on the H2020 PHERCLOS project (Oct-19 to Sep-22) managed by Kinderburo Universitat Wien.

TEACHER SCIENTIST NETWORK

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 MARCH 2022

5. Total Resources Expended	Charitable Activities £	Governance Costs £	2022 Total £	2021 Total £
Directors' remuneration	37,260	-	37,260	37,260
Directors' pension contributions	933	-	933	830
Directors' national insurance contributions	3,921	-	3,921	3,930
Directors' national insurance contributions (arrears)	3,480	-	3,480	2,900
Catering	54	-	54	14
Amgen expenses (excluding salaries)	62	-	62	-
Travel expenses	36	-	36	286
Printing, postage and stationery	49	-	49	28
HR and payroll costs	822	-	822	835
Estate charge	3,080	-	3,080	2,759
Telephone	7	-	7	8
Rates	401	-	401	404
Accountancy	-	373	373	386
Bookkeeping	-	319	319	428
ECCF Grantscape	600	-	600	750
Sundry expenses	30	-	30	559
	50,735	692	51,427	51,377

6. Staff Costs	2022 £	2021 £
Wages and salaries	37,260	37,260
Pension contributions	933	830
Social security costs	3,921	3,930
	42,114	42,020

The average number of full time equivalent employees during the year is 1 (2020 - 1).

There were no employees whose emoluments amounted to over £60,000 per annum in this period.

7. Debtors	2021 £	2020 £
Trade debtors	3,698	3,450
Accrued income	12,805	6,408
	16,503	9,858

TEACHER SCIENTIST NETWORK

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 MARCH 2022

8. Creditors: amounts falling due within one year	2022 £	2021 £
Trade creditors	23,757	25,384
Accruals and deferred income	9,579	8,758
	<u>33,336</u>	<u>34,142</u>

9. Movement in funds	Balance at 1-Apr-21 £	Incoming resources £	Resources expended £	Balance at 31-Mar-22 £
Unrestricted funds	(5,924)	46,703	(51,427)	(10,648)
Total funds	<u>(5,924)</u>	<u>46,703</u>	<u>(51,427)</u>	<u>(10,648)</u>

10. Directors emoluments	2022 £	2021 £
Aggregate emoluments in respect of qualifying services	<u>37,260</u>	<u>37,260</u>

Dr P H Smith received expenses of £nil (2021 - £nil) from the charity during the year.

11. Going concern

The accounts have been prepared on a going concern basis which is dependent upon the continued support of the company directors and business partner The John Innes Centre. Income streams were heavily disrupted during the financial year due to the COVID pandemic but it is hoped that the situation will improve now that most restrictions have been lifted.