Progress Report

The Progress Report is made up of 4 sections:

- 1. Progress Report
- 2. Outstanding Actions from previous progress meetings
- 3. Update on Commitment / Expenditure
- 4. Update on Milestones / Outputs / Outcomes

A Progress Report must be supplied with every invoice form submitted.

Sponsor Name:	Society of Biology
Project Name:	Gopher Science Labs for Wales (GSLW)
Project Reference:	38
Claim Period & Invoice no.	1 st December 2014 – 1 st February 2015
Project End Date:	1 st February 2015
Total Project Cost:	£88,151

1. Progress Report – Please provide details of Project progress and achievements to date together with an indication of future activity. Please also use this section to highlight any difficulties being encountered on the Project and how they are being addressed.

The final Gopher Science Lab event was a Lab day which took place on 4th December.

The GSLW project aimed to train 100 secondary school students as student demonstrators:

The final statistics are:

317 secondary students have been trained as demonstrators, developing their skills in communication, flexibility, innovation and increasing self-confidence.

1542 primary students have taken part in a Lab day event.

Students/teachers from 68 schools have taken part directly in lab days or twilight CPD/training events.

81 teachers have been trained via twilight CPD/training events or lab days in their school.

All practical kit boxes have been distributed.

Each of 200 schools (secondary and primary) which took part or requested teacher resource booklets were sent £20 book tokens to present to the students who in their teacher's opinion made the best effort or gained the most out of taking part.

The Gopher Science Labs webpage on the Society of Biology website has been updated with a link to the database to match schools interested in running their own Gopher Science Labs event following the funded project in Wales from the current grant.

In addition schools may download the teacher resource booklet as a two part pdf in English or Welsh edition. Instructions about how schools can run a lab day and a brief background to the project and a Gopher Science Labs kit list is also available as a download for schools which would like to prepare their own kit boxes in the future, certificate templates for demonstrators and participating students are also available to download.

The GSL webpage (https://www.societyofbiology.org/gophersciencelabs) and the Gopher Science Resources will provide a legacy resource for the future as a result of this grant.

Pre Event Feedback	Post Event- Feedback
Do you find science enjoyable?	Do you find Science enjoyable?
Yes- 52.6% A little bit- 39.5% No- 7.9%	Yes- 78.9% A little bit- 18.5% No - 2.6%
Do you find science inspiring?	Do you find Science inspiring?
Yes- 39.5% A little bit- 42.1% No-18.4%	Yes - 44.7% A little bit-39.5% No - 15.8% Did you learn anything new
	today? Yes - 76.3% Not sure - 18.4% No- 5.3%
Do you feel confident in school discussing and doing science?	Do you feel more confident about science?
Yes- 71.1% Not sure 26.3% No 2.6%	Yes - 92.1% Not sure- 7.9% No- 0%
	Would you like to attend a similar event in the future?
	Yes - 76.3% Maybe - 23.7% No- 0%

Other feedback based on counting comments from other comments section of feedback form where completed by respondents.

'It was really good' - 45 pupils

'I learnt that science is fun' – 20 pupils

'It was really fun today' - 10 pupils

'It was brilliant' / 'It was awesome' - 26 pupils

'I enjoyed all the activities' – 33 pupils

It is encouraging to see the impact made by participation in the Gopher Science Labs events, there is a clear difference in attitudes before the event compared to more positive attitudes after the event. The figures show that students found science measurably more enjoyable, inspiring and they felt more confident about science after the event.

2. Any outstanding actions resulting from the last progress meeting or highlighted in previous quarterly progress report.

n/a

3. Update on Commitment / Actual Expenditure based on the financial profile presented within the application.

Projected spend this quarter £6,608.49

Actual spend this quarter

Overheads at £65 per day	£1985.00
Staff cost	£3745.99
Phone contract top up to existing contract	£ 10.00
Design/printing of certificates	£100.00
Staff travel	£186.48
£20 award for students at 200 schools	£4000.00
Database design/management	£510.50

<u>Total</u> £10,537.97

NB – Estimate spend to date:

£88,151.11

Actual spend at end of 5th report (last quarter)

£63,159.29

Actual final spend total:

£73697.26

The targets for this project have been surpassed, in the case of student participation the project reached 50% more students than initially anticipated. We are pleased with this result because this enables even more people to reach the projects goal of being inspired and increasing in confidence with hands on science in schools across Wales.

4. Update on stated project related Milestones / Outputs / Outcomes. Please present relevant supporting information e.g. gender split/numbers, geographic location(s), age groups/key stages.

Our milestones are listed below alongside an update on the progress at the end of the grant.

- Have 400 NSA students participate directly and a further 600 indirectly
 - After ten GSLW lab day events: 81 teachers, 68 schools, 1542 primary students have taken part in lab days and were taught by 317 suitably

trained secondary students.

- Have 10 NSA CPD events and 100 NSA CPD participants
 - Following the completion of all ten CPD events
 - 138 teachers from 115 schools have received GSL CPD
 - Of these schools whose staff received CPD:
 - 65 were primary
 - 40 were secondary
 - 10 were special schools
- Have 200 NSA students gaining awards
 - These have been posted to schools following GSLW Lab day events
- Raise awareness of GSLW project throughout Wales

The GSLW project has been advertised in email newsletters sent to all schools in Wales throughout 2014. In addition to various meetings for teachers and the general public at which educators were shown GSL resources.

Resources were additionally taken to the Association for Science Education's Annual Conference in Reading 7th -10th January 2015.