



S4 Swansea University Science for Schools Scheme Pupil Information

FORM B Year 3

Dear Student,

Welcome to S4's Year 9 project, this year things will begin a little differently.

Due to social distancing measures, we may live stream our workshops into your classroom from September. We are hoping that this won't be the case for too long though and that we can welcome you all back into our classrooms at Swansea University as soon as we can !

Before you start Year 3, we would like to ask you some questions about your attitude to science. Please have a go at answering the questions below. **For information explaining how the S4 project* uses information which identifies you, please see the very last page of this document.** We're really looking forward to working with you again and doing more great science experiments. Good luck in Year 9!

From: The S4 Team

1. Details about you

a. What is your full name?

b. What is your date of birth?

c. Are you?

☐ Another gender

☐ Female

☐ Male

☐ I would prefer not to say

☐ I prefer to self-describe

d. Which school do you attend?

e. What is your current year group in school? ☐ Year 9

2. Where else, other than school, do you find out about science? (mark all that apply to you)

| | ALL THE TIME | SOMETIMES | NEVER |
|---------------------------------------|--------------|-----------|-------|
| Television Programmes | | | |
| Books | | | |
| Science magazines and newspapers | | | |
| Parents, family and friends | | | |
| Internet searches relating to science | | | |
| Social media communications | | | |
| Science museums or science centres | | | |

3. How do you like to learn about science?

| | STRONGLY AGREE | AGREE | NEITHER AGREE NOR DISAGREE | DISAGREE | STRONGLY DISAGREE |
|--|-------------------|-------|-------------------------------------|----------|----------------------|
| I prefer to learn about science by watching science (a demonstration, show or television programme) | | | | | |
| I prefer to learn about science ... by listening to science (to a presentation by the teacher or a science presenter) | | | | | |
| I prefer to learn about science by taking part in science practicals, like hands-on experiments | | | | | |
| I prefer to learn about science by reading science books or magazines and taking notes | | | | | |
| I prefer to learn about science by talking to someone about science (from a parent, tutor or teacher) | | | | | |
| I prefer to learn about science with a mixture of all the above methods | | | | | |

4. Please rate how far you agree or disagree with the following statements:

| | STRONGLY AGREE | AGREE | NEITHER AGREE NOR DISAGREE | DISAGREE | STRONGLY DISAGREE |
|---|-------------------|-------|-------------------------------------|----------|----------------------|
| I enjoy science lessons at school | | | | | |
| I enjoy doing science activities | | | | | |
| I like science | | | | | |
| My family likes science | | | | | |
| My friends like science | | | | | |
| I know a lot about science topics | | | | | |
| My family knows a lot about science topics | | | | | |
| Science is relevant to most things | | | | | |
| Science is important to our everyday lives | | | | | |
| Having a qualification in science can lead to many different careers | | | | | |
| Members of my immediate family have science jobs | | | | | |
| My friends and I discuss science topics from time to time | | | | | |
| My family and I discuss science topics from time to time | | | | | |

| | STRONGLY AGREE | AGREE | NEITHER AGREE NOR DISAGREE | DISAGREE | STRONGLY DISAGREE |
|--|-------------------|-------|-------------------------------------|----------|----------------------|
| I know a lot of people who do science (either by their jobs, qualifications or hobbies etc.) | | | | | |
| My friends and family encourage me in pursuing an interest in science | | | | | |
| I do well in science at school | | | | | |
| I do well in maths at school | | | | | |
| I am confident at maths | | | | | |
| I am confident at science | | | | | |

5. Science Aspirations & Careers

- a. Do you see yourself taking separate sciences (i.e. biology, chemistry and physics) for your GCSE options in year 10?

☐ Yes ☐ No ☐ Not decided yet

- b. Do you see yourself going to University when you are older?

☐ Yes ☐ No ☐ Not decided yet

- c. Do you see yourself doing science at University when you are older?

☐ Yes ☐ No ☐ Not decided yet

- d. Do you see yourself having a career that involves science when you are older?

☐ Yes ☐ No ☐ Not decided yet

If No, why not? _____

6. What is the best job you could think of doing after you finish your education?

PTO

7. What do you think you would get to do in that job?

8. Why do you want to do that job?

9. Do you have a ROLE MODEL? Who is this and explain why?

10. Please answer the following statements:

| | I am <u>very good</u> at doing this | I am <u>good</u> at this | I am <u>OK</u> at this | I am <u>not good</u> at this | I am <u>bad</u> at this |
|---|-------------------------------------|--------------------------|------------------------|------------------------------|-------------------------|
| I can get teachers to help me when I am stuck on schoolwork | | | | | |
| I can focus on my studies even when there are more interesting things to do | | | | | |
| I can revise well for a test or exam | | | | | |
| I regularly complete all of my homework | | | | | |
| I am good at paying attention during class when the teacher is talking | | | | | |
| I can succeed in passing a maths test to a high standard | | | | | |
| I can succeed in passing a science test to a high standard | | | | | |

| | | | | | |
|--|--|--|--|--|--|
| I am confident in my ability to do practical work in science | | | | | |
| I am able to plan and solve problems in science work | | | | | |
| I am confident in my ability to write-up work in science | | | | | |

11. Complete this sentence:

“I think a scientist’s work involves ...”

Many thanks for completing our survey!

S4 is the data controller for the information that is provided on this form that means S4 are in charge of what happens to it. We at the S4 project want to make sure all the personal details we hold about you are safe and secure. This information tells you how we look after your details and what to do if you have questions or want to see what data we hold on you.

What data do we collect, and do we share this information?

- We collect personal identification information, your name and date of birth. This information will only be shared with the Welsh Government, who fund this project, in order to tell them you are taking part in the project.

How do we collect your data?

- We collect your data on this form, this form is called form B.

How will we use your data?

- We rely on legitimate interests to process your data. Your data will be used as part of a study we are completing to explore how your attitude towards science changes since you joined S4. S4 are carrying out longitudinal research plus the lead partner the Welsh Government Office for Science WGOS are carrying out a longitudinal cohort evaluation which will include data from all five partners. Both S4 and the Welsh Government, who fund this project, will use information on this form to explore your attitude to science.

How do we store your data?

- Your data is stored securely in an office at Swansea University that is only used by the S4 project staff and on an encrypted website run by the Welsh Government.

How long we will hold your data for

- Swansea University and the Welsh Government are required to keep your data for 10 years.

Your rights in relation to your information.

You have a right to access your personal information, to object to the processing of your personal information, as well as the right to rectify, erase and restrict your personal information. If you have any concerns about the use of data for these purposes or would like a copy of the data we hold about you, requests should be made in writing to the University Data Protection Officer:

Mrs Bev Buckley - University Compliance Officer (FOI/DP)
Vice-Chancellor's Office
Swansea University, Singleton Park, Swansea, SA2 8PP
Email: dataprotection@swansea.ac.uk

Further questions?

If you have further questions about how we process your data, please feel free to get in touch with Heidi Rehwald the S4 Project Manager, email: h.k.rehwald@swansea.ac.uk

PARTICIPANT CONSENT FORM
(Version 1.1, Date: 28/02/2020)

Project Title:

S4 Pupil Focus Group

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Please **initial** box

1. I that I have read and understood the information sheet dated for this study and have had the chance to ask questions. ☐
2. I understand that I am volunteering and that I am free to drop out at any time during the interview, without giving a reason. ☐
3. I understand that the group recording will be transcribed and anonymised, and once this has happened it will no longer be possible to remove my data. ☐
4. I understand that sections of any of data obtained may be looked at by responsible people from the Swansea University or from regulatory authorities. ☐
I give permission for these individuals to have access to these records.
5. I agree to take part in the above study.

| | | |
|--|---------------|--------------------|
| _____ My Name (Pupil) | _____ Date | _____ Signature |
| _____ Name of Person taking consent | _____ Date | _____ Signature |
| _____ Researcher | _____ Date | _____ Signature |

Personal data collected on this form will be processed in line with the General Data Protection Regulation 2016 and the Data Protection Act 2018. Further information about how your data is managed is available on the [University Research Privacy Notice](https://www.swansea.ac.uk/about-us/compliance/data-protection/research-privacy-notice/).
<https://www.swansea.ac.uk/about-us/compliance/data-protection/research-privacy-notice/>