

## Questionnaire Examples

This document provides examples of possible questions to be used for the *Demographic and Interests Questionnaire* and for the *Engagement and Awareness Questionnaire & Feedback Questionnaire*.

Each Higher Education Institution (HEI) must ensure that all data collection activities are conducted in full compliance with applicable General Data Protection Regulation (GDPR), national legislation, and institutional data protection and ethical requirements. This includes the preparation of appropriate consent documentation, the implementation of valid consent procedures, and the prior obtaining of any required ethical approvals in accordance with institutional and national frameworks. Data collection must be limited to what is strictly necessary for clearly defined purposes (e.g., evaluation and improvement of STEM engagement initiatives). Each HEI is further required to implement appropriate technical and organisational measures to ensure secure data storage, controlled access, and compliant data retention. All data must be processed and reported in anonymised and, where appropriate, aggregated form.

When collecting data, additional safeguards apply under the GDPR. Minors are considered a vulnerable group; where participants are below the applicable age threshold defined by national law (in accordance with Article 8 GDPR), verified parental or legal guardian consent must be obtained prior to the collection and processing of personal data. The processing of children's personal data is subject to GDPR requirements, as well as to national and local regulations. Only information that is strictly necessary may be collected, stored securely, and retained for a limited period. Students and parents must be informed, in clear and accessible language, about what data is collected, the purpose of processing, how it will be used, and the applicable retention period. Participation must always be voluntary.

Surveys should be designed, where feasible, to ensure anonymity or effective anonymisation. Prior to distribution, schools and parents or legal guardians must be informed of the purpose, data types, and retention timeframe of the survey, as well as the timing and terms of results dissemination. Any tools used must be GDPR-compliant, and results must be reported only in aggregated form to prevent the identification of individual students.

Questionnaires Templates are indicative and must be adapted or reduced to ensure proportionality.

### Demographic and Interests Questionnaire – Example Questions

1. Are you
  - Female
  - Male
  - Other
  - Prefer not to say
  
2. Do you have access to a PC or laptop at home?
  - Yes
  - No
  
3. Do you use a smartphone to (multiple-answer question - select all the options that apply)
  - Talk with family and/or friends
  - Read
  - Search the Internet
  - Do schoolwork
  
4. What is your favourite subject in School?

5. What is your least-liked subject in School?
6. Prior to attending <Event Name>, did you hear about <topic>?
- Yes
  - No
  - Not sure

Note: Replace <Event Name> (e.g., Open Day Event, On-Campus Event, STEM Event) and <topic> (e.g., programming; science, technology, engineering, and mathematics) as appropriate.

7. Have you ever had any classes about <topic>?
- Yes
  - No
  - I do not know

Note: Replace <topic> (e.g., programming; science, technology, engineering, and mathematics) as appropriate.

8. How do you feel about learning programming?
- I love it
  - I like it
  - It is OK
  - I dislike it
  - I hate it

9. How do you feel about learning science?
- I love it
  - I like it
  - It is OK
  - I dislike it
  - I hate it

10. How do you feel about learning technology?
- I love it
  - I like it
  - It is OK
  - I dislike it
  - I hate it

11. How do you feel about learning engineering?
- I love it
  - I like it
  - It is OK
  - I dislike it
  - I hate it

12. How do you feel about learning maths?
- I love it
  - I like it
  - It is OK
  - I dislike it
  - I hate it

13. I find learning programming difficult

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

14. I find learning science difficult

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

15. I find learning technology difficult

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

16. I find learning engineering difficult

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

17. I find learning maths difficult

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

18. I find learning programming boring

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

19. I find learning science boring

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

20. I find learning technology boring

- Strongly Disagree
- Disagree
- Neutral

- Agree
- Strongly Agree

21. I find learning engineering boring

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

22. I find learning maths boring

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree
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23. What would you like to study for your undergraduate degree?

24. What would be your ideal job?

## Engagement and Awareness Questionnaire & Feedback Questionnaire – Example Questions

### Engagement and Awareness Questionnaire

#### Engagement with Materials

1. On a scale of 1 to 5, how engaging did you find the materials presented?

1. Not engaging at all
2. Slightly engaging
3. Moderately engaging
4. Very engaging
5. Extremely engaging

2. Which materials did you find most engaging? *(Check/Select all that apply)*

- Slide deck presentations
- Videos
- Brochures
- Posters/Banners
- Online materials (website or digital platform)
- Interactive activities (e.g., quizzes, hands-on task, live sessions)
- Other (please specify): \_\_\_\_\_

3. What aspects of the materials helped maintain your engagement?

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4. Did the presentation/materials presented keep your attention?

1. I completely lost interest
2. I was distracted often
3. I paid some attention
4. I was mostly focused
5. I was fully engaged the entire time

5. How well did you understand the information presented?

1. Did not understand at all
2. Understood a little
3. Somewhat understood
4. Mostly understood
5. Completely understood

## Awareness and Understanding of Programmes/Degree Offerings

6. Did you find the presentation relevant to you?

1. Not relevant at all
2. Slightly relevant
3. Moderately relevant
4. Very relevant
5. Extremely relevant

7. Before attending today's event, how familiar were you with the <Higher Education Institution>'s programmes?

1. Not at all familiar
2. Slightly familiar
3. Somewhat familiar
4. Very familiar
5. Extremely familiar

Note: Replace < Higher Education Institution> with the name of your institution.

8. After engaging with the materials, how well do you now understand the degrees/programmes offered?

1. Not at all
2. Slightly well
3. Moderately/somewhat well
4. Very well
5. Extremely well

9. Do you understand the admission process?

1. Not at all
2. A little
3. Somewhat
4. Very well
5. Completely

10. What new information did you learn about the <Higher Education Institution>'s degree offerings?

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Note: Replace <Higher Education Institution> with the name of your institution.

11. Did any particular degree/programme stand out to you? If yes, which one(s) and why?

### Interest in Studying at the <Higher Education Institution>

Note: Replace <Higher Education Institution> with the name of your institution.

12. After engaging with the materials, how likely are you to consider applying for a programme at <Higher Education Institution>?

1. Not likely at all
2. Slightly likely
3. Moderately likely
4. Very likely
5. Extremely likely

13. What factors influenced your level of interest? *(Check/Select all that apply)*

- Course content and structure
- Career prospects
- Reputation of the Higher Education Institution
- Facilities and campus environment
- Other (please specify): \_\_\_\_\_

14. Do you feel you have enough information to make an informed decision about studying at <Higher Education Institution>?

- Yes
- No (please explain what additional information you would need): \_\_\_\_\_

### Feedback: Usability, Accessibility and Suggestions for Improvements Questionnaire

15. How intuitive was the layout and the design of the materials presented?

1. Very confusing
2. Somewhat confusing
3. Neutral
4. Somewhat intuitive
5. Very intuitive

16. Were the degree(s)/programme(s) descriptions clear and informative?

1. Not at all clear
2. Somewhat unclear
3. Neutral
4. Somewhat clear
5. Very clear

17. Were the fonts, colours and contrast comfortable for reading?

1. Not at all
2. Somewhat uncomfortable
3. Neutral
4. Somewhat comfortable
5. Very comfortable

18. Were the images and graphics helpful in understanding the information presented?

1. Not at all helpful
2. Somewhat unhelpful
3. Neutral
4. Somewhat helpful
5. Very helpful

19. How would you rate the quality of the materials?

1. Very poor
2. Poor
3. Neutral/fair
4. Good
5. Excellent

20. Was the length of the presentation appropriate?

1. Much too short
2. Slightly too short
3. Just right
4. Slightly too long
5. Much too long

21. What would make the <Event Name> more engaging or informative?

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Note: Replace <Event Name> (e.g., Open Day Event, On-Campus Event, STEM Event) as appropriate.

22. Do you have any other comments or feedback?

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