

## Starting interview; enquiring about the technology relationship



These questions are intended to map student's relationship with technology, their background in technology use and some related skills.

Please note the issues related to data protection and research ethics when conducting the interview.

### Warm-up questions

- What is your name?
- How old are you?
- What are your hobbies?
- What subjects are you good at school?
- Who are your family members?

### Technology use

- How do you understand word technology?
- What devices do you use (phone, tablet, computer, gaming consoles etc.)?
- What do you do with the devices (apps, internet, games etc.)? (Asked of all the devices mentioned earlier)
- Where or from whom you have learned to use technology?
- With whom do you use technology?
- What you like about technology? What don't you like about it?
- Can you use technology?
  - Are you good at using technology?
- Do you like using technology?
  - Do you want to use technology?
- Are you good with technology?
  - Do you like technology?



- Do you want to be involved with technology?
- How does technology affect our life?
- Can something good be done with technology?
  - What is good about technology?
  - Has technology made you happy?
  - When has technology made you happy?
- Can something bad be done with technology?
  - What is bad about technology?
  - Has technology made you sad?
  - When has technology made you sad?
- Have you ever thought that someone uses / you use too much technology?
  - That someone is / you are addicted/hooked to some technology?
  - Is the internet a safe place?
  - What kind of dangers can be in social media app usage?
- Who develops technology? Why is technology the way it is?
  - Can you influence technology yourself? Should you be able to influence it?
- Are you interested in studying technology? And to work in a place where they design, develop, and build technology as an adult?

## Technology designing and making

Ideation, designing, making

- Do you draw/do crafting/do handcrafting?
  - Are you good at it? Do you like it? Do you want to do it?
- What do you do/build yourself (devices, items, things, toys, clothes, technology, huts, legos...)?
  - Are you good at it? Do you like it? Do you want to do it?
- Do you repair devices/items/things?
  - Are you good at it? Do you like it? Do you want to do it?



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- Are you creative/inventive(innovative)/good at inventing(innovating)/good at ideating? Are you imaginative?
  - Where do you get ideas? (For example: family, friends, internet etc.)
- Do you express yourself with technology? Can you express yourself with technology?
  - What have you made with technology (content)?
- Are you interested in technology?
  - Are you interested about how it works?
  - Do you want to learn more about it?
- Have you examined/explored/studied technological devices?
- Can you repair technology?
  - Would you like to/do you like to repair, or would you want to be able to repair?
- Have you searched information about technology?
- Should technology be openly changeable and developable by people?

#### Technology designing:

- Have you designed or ideated new technology?
- Why, how and where?
- Are you good at it? Do you like it? Do you want to do it?

#### Technology making:

- Have you been to a Fab Lab? Where?
- What did you do there?
- What can be done there?
- Have you tried/used 3D-printing, laser cutting, electronics, LED's, Arduinos?
- What did you do?
- Why and where?



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- Are you good at it? Do you like it? Do you want to do it?

Robots:

- Have you build/played with robots?
- Are you good at it? Do you like it? Do you want to do it?

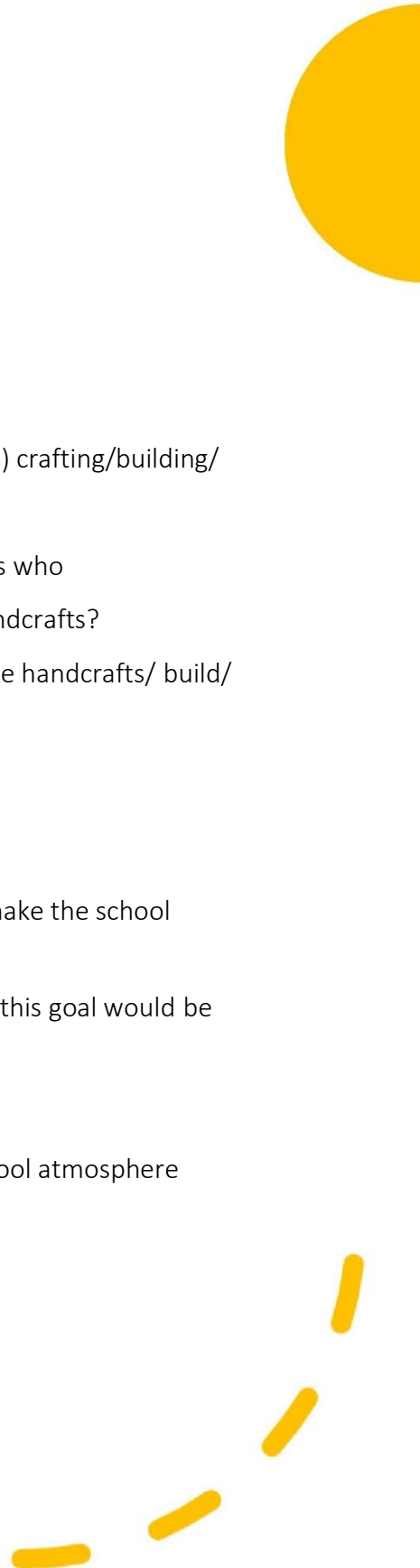
Programming:

- Can you program?
- What have you programmed?
- Where and how?
- Are you good at it? Do you like it? Do you want to do it?
  
- Do you modify, develop, personalize the technology you use?
- Where/from whom have you learned (depending on the answers) crafting/building/designing/making/programming/...
- Is there someone in your family or circle of acquaintances/friends who designs/makes/ programs/repairs things/makes crafts/makes handcrafts?
- With whom do you (depending on the answers) make crafts/make handcrafts/ build/ repair things/design/make/program/...?

### Critical thinking

Let's try to find solutions for preventing bullying in schools and how to make the school atmosphere comfortable for everyone.

- What could you do about that yourself? What could be done so that this goal would be reached?
- Have you done anything about that yourself?
- How could technology be used to prevent bullying and make the school atmosphere nice?



- Have you ever ideated, designed or developed (technological) solutions to prevent bullying and/or making the school atmosphere nice?



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