

Activity 1.1.4 - Finding intelligent objects

Estimated duration	40 minutes (asynchronous / at-home activity)
Requirements	Finishing topic 1
Hardware and Software tools used	In class: - None Online: - Online meeting platform - Digital device for all
Type of assessment	Oral presentation

Procedure

1. **Anticipatory set:** the teacher claims to the students that he believes they all have an intelligent object in their house, but that they need to prove it to the teacher.
2. **Independent practice:** the teacher asks every student to find a maximum of 3 objects around them which they believe to be intelligent. After 10 minutes, the students are divided into groups of approximately 4 students to discuss together which one of the collected objects they believe to be the best example of an intelligent object. They get 15 minutes to discuss and decide the final object.
3. **Check for understanding:** each group gets to present their intelligent object to the rest of the class and explain why this particular object is intelligent. Based on these presentations, the teacher can question the students to see if they understand what intelligence is and what characteristics of intelligence are.
4. **Closing:** as a closing of the activity, a short reflective discussion can be held in which the teacher and the students try to figure out what intelligence has to do with AI (e.g. are some of the intelligent objects presented an example of AI? Does a technology have to be intelligent to be considered as AI?)

Troubleshooting

Possible issue	Possible solution
In a school environment there might not be 3 or even 1 object to find per student.	Students could maybe start in groups directly to find one object per group (or they can search online for 3 objects); or students could be asked before this lesson to bring these objects from home.