

Interview protocol

Lesson 2

Question 1. “Can you tell me what you did during this lesson?”

Probes:

1. If the pupil does not substantively address the experiments:
 - “Can you explain what you had to explore with the ruler?”
 - “Can you explain what you had to explore with the rubber bands?”
2. If the pupil says “I don’t know” or remains silent:
 - “What did you have to explore in pairs?”
 - “What materials did you use? What did you do with them?”
3. If the pupil says: “I didn’t do anything, my buddy did everything”:
 - “What were the assignments that you were supposed to do?”

Question 2. “What did you learn from this lesson?”

Probes:

1. If the pupil remains silent or says “I don’t know” or “I haven’t learned anything” or only mentions a part of the experiments’ conclusions:
 - “What did you learn about pitch?”
 - “What did you learn about vibrations?”
 - “What did you learn about volume?”

Question 3. “How did you feel about experimenting?”

Probes:

1. If the pupil remains silent or says “I don’t know” or doesn’t explain the answer and only says “fun” or “stupid”.
 - “What did you find easy? Why?”
 - “What did you find difficult? Why?”
 - “What did you like? Why?”
 - “What didn’t you like? Why?”

“Would you like to say anything else?”

Lesson 3

Question 1. “Can you tell me what you did during this lesson?”

Probes:

1. If the pupil says “I don’t know” or remains silent:
 - “What did you have to design?”
2. If the pupil does not address the design demands:
 - “What were the demands for the design?”
 - If a pupil does not seem to understand this question, explain it further
“Were you allowed to make up your own design entirely, or did the string instrument have to have at least some things” Yes > “Can you explain what those were?”
3. If the pupil does not address the actual creating of the string instrument:
 - “What materials did you use? What did you do with it?”

Question 2. “What did you learn from this lesson?”

Probes:

1. If the pupil says “How I can create a string instrument”
 - “What did you learn about that?”
2. If the pupil remains silent or says “I don’t know” or “I haven’t learned anything”
 - “What did you learn about how you can create a string instrument?”
3. If the pupil does not address the improvement of the design:
 - “What did you learn about how you can improve your design?”

Question 3. “How did you feel about designing and creating your design?”

Probes:

1. If the pupil remains silent or says “I don’t know” or doesn’t explain the answer and only says “fun” or “stupid”.
 - “What did you find easy? Why?”
 - “What did you find difficult? Why?”
 - “What did you like? Why?”
 - “What didn’t you like? Why?”

“Would you like to say anything else?”