Teacher information: Example Route card

This route card is an example for an experiments day in a project week at a school. The example refers to the example course and overview plan shown in section 2.4.1 of the PULCHRA Handbook of Educational Materials. In the table, the experiments are given as questions. These are not the research questions from P16 but are more closely related to the experiment or observation. Answers to these experimental or observational questions can then be used to answer the research questions from P16.

Example Route card

place	experiment / measurement / observation	materials
Park	- What color are the leaves? - In which growth stage are the plants?	- P8: Leaf colors - P15: plant growth stages
school building	- How strong is the wind blowing? - How warm are air and ground close to the building and in the school yard?	- P16: Wind and temperature
schoolyard	- Which type of clouds can we see? - How warm are the ground and the air?	- P17a: Clouds and warmth - P17b: Data sheet clouds - P17c: Types of clouds
stream	- How fast does the water flow? - How transparent is the water?	- P14a: transparency - P14b: pH and temperature
sports ground	- Which kinds of soil do we find? - How fast does water seep into different soils?	- P18: Soil identification - P36: Infiltration

Group 1: Home group "park"

	Time
park	09:00 – 10:00
school building	10:30 – 11:45
schoolyard	11:45 – 12:50
stream	13:40 – 14:25
sports ground	14:25 – 15:15

Group 2: Home group "school building"

	Time
school building	09:00 – 10:00
schoolyard	10:30 – 11:45
stream	11:45 – 12:50
sports ground	13:40 – 14:25
park	14:25 – 15:15

Group 3: Home group "schoolyard"

	Time
schoolyard	09:00 – 10:00
stream	10:30 – 11:45
sports ground	11:45 – 12:50
park	13:40 – 14:25
school building	14:25 – 15:15

Group 4: Home group "stream"

	Time
stream	09:00 – 10:00
sports ground	10:30 – 11:45
park	11:45 – 12:50
school building	13:40 – 14:25
schoolyard	14:25 – 15:15

Group 5: Home group "sports ground"

	Time
sports ground	09:00 – 10:00
park	10:30 – 11:45
school building	11:45 – 12:50
schoolyard	13:40 – 14:25
stream	14:25 – 15:15