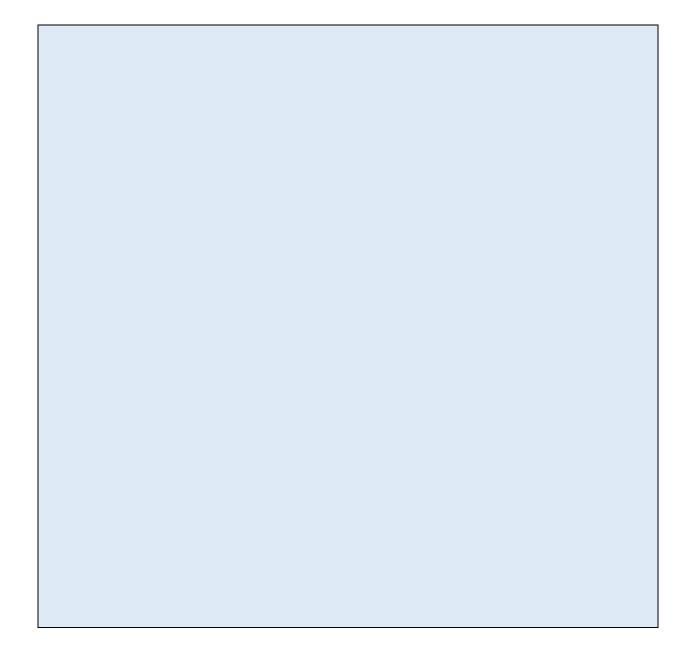
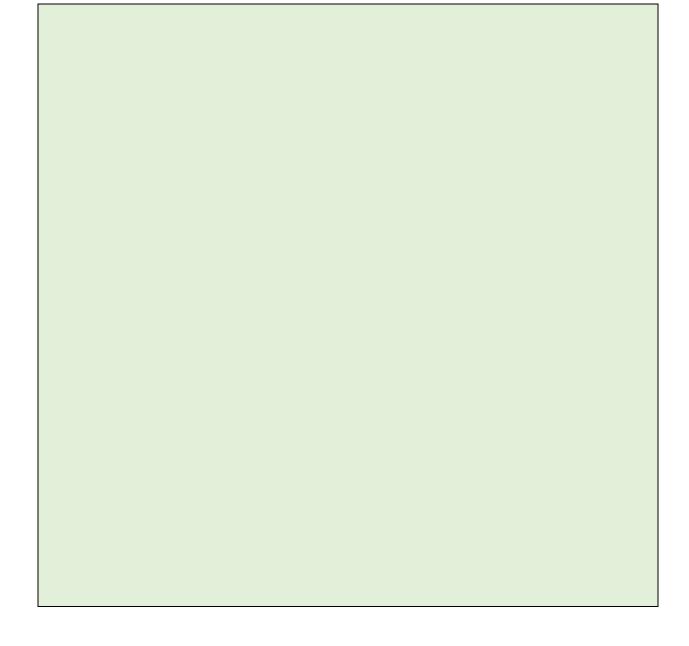
Research questions - Water







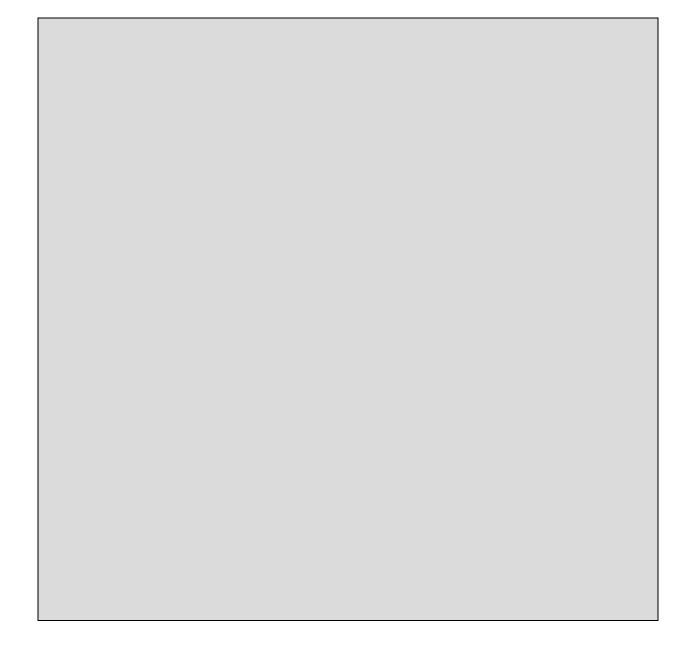
Research questions - Plants





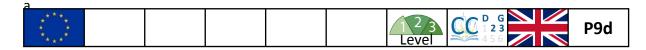


Research questions - Weather

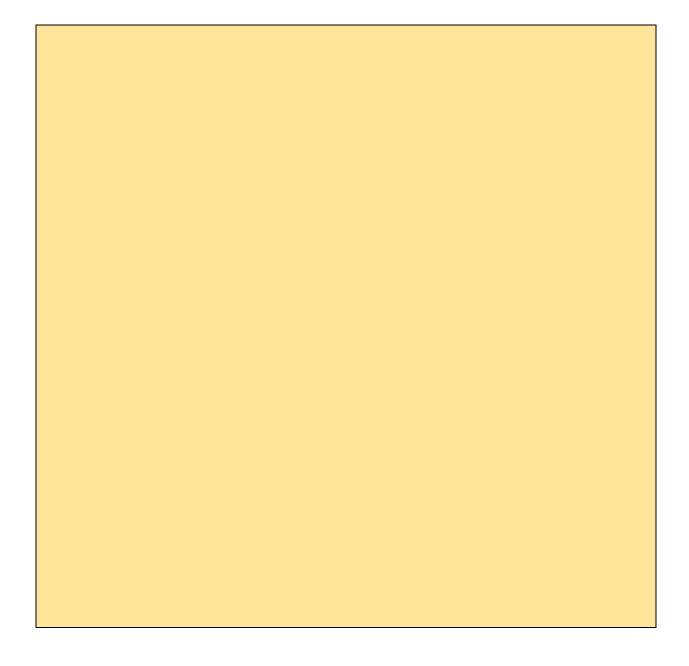








Research questions - Soil







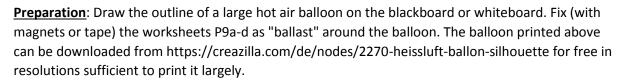
Teacher information: Selection of research questions The balloon method

Duration: ca. 30 min

Material: P9a-d (research questions), magnets or sticky tape,

blackboard and chalk or white board and pens

Goal: Selection of a suitable question per topic.



<u>Description</u>: The students put themselves in the situation that they are sitting in the hot air balloon. But the balloon continues to descend because it is loaded with too many questions. In order for the balloon to rise again, the students have to exclude one question after the other and "throw it overboard". In the end, only one question should be left for each topic (one blue, one green, one grey and one yellow card). The following guiding questions can be used as criteria for evaluating a research question:

- There needs to be a way to answer the question.
- The question must be complex enough but not too complex
- Can we answer this question?
 - o with the means available?
 - in the time available?

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