

University of Groningen

Curious minds in the classroom

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Appendix A

Empirical cycle

1 Ask a question

- What will happen if I pour oil into water?

2 Hypothesize

- I think oil will float on water

3 Research design

- How can I study this? What do I need to explore this?

4 Observation

- What do you see? What are those bubbles?

5 Drawing conclusions

- Did your hypothesis prove to be right or wrong? What can be the reason?

