

The Scientific Method

Step 1: Ask a question?



Step 2: Construct a hypothesis



Step 3: Conduct experiments



Step 4: Understanding



Step 5: Analysis



Does our research answer our question?

No



Yes

Step 6: Communicate



Level 1

1. Why does the light not turn on?
2. Has the lightbulb burnt out?
3. Replace lightbulb
4. Has that fixed the problem?
5. Has that fixed the problem? Why?
6. Share findings, even if there is no final answer

Level 2

1. What can improve my mood?
2. Sleep could play a role
3. Keep a mood and sleep diary
4. What impact am I looking for?
5. Has that fixed the problem? Why?
6. Share findings, even if there is no final answer

Level 3

1. Is fracking good or bad?
2. Fracking is bad overall
3. Research good points and bad points
4. Which points are most important and why?
5. Is it clear that fracking is bad overall?
6. Share findings, even if there is no final answer

Scaffolding

