

Water Filtration Challenge

Getting started questions

What is your overall goal?

How will you know if you are successful?

What are your ideas for filter materials?

Help students Problem Solve by asking

What is your biggest challenge right now?

Which filter materials do you plan to use?

What will each layer remove?

How much do you think will be necessary

What do you plan to work on next?

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PROMPTS to get students talking

Tell me about your current design

Show me what you have working so far

Tell me about one of your challenges

I NOTICED....

I noticed you are looking for a way to.....

I noticed you figured out how to....

I noticed this is hard for you, but you are sticking with it :0)