

Shielding Challenge

Getting started questions

What is your overall goal?

How will you know if you are successful?

What are your ideas for representing the bricks?

Help students Problem Solve by asking

What is your biggest challenge right now?

What patterns have you tried to eliminate edges leading to the detector?

At this scale, how many layers would be needed?

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)