

Observing

- What happened when you ___?
- What do you notice about the materials?
- What have you seen other people trying?
- What observations can you make about the ___?
- Did anyone observe something different?

Prompting questions:

Can you tell me more about that?

Why do you think that?

Why is this important?

How can you solve that?

Why is that a good idea?

Predicting

- What do you think will happen if we ___?
- What's going to happen?
- Does anyone think something different is going to happen?
- How do you think this material will work?

Investigating

- How do you think we should investigate this problem?
- Where could we look for information about this?
- What are some possible solutions?
- What do you have to do to find out if you're right or wrong?
- What are some of the ideas you have talked about that you haven't tried yet?

Analyzing

- If you do it again, what do you think will happen?
- What do you think will happen if you changed ___?
- What do you think causes ___?
- How well did your solution meet the goal?

Talking About STEM

But what about...

This is just like...

Or it could be...

What about...

Maybe it's because...

This is important because...