

Questions for STEM and PBL

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?

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 ___?
Did anyone observe something different?

Predicting

What do you think will happen if we ___?
What's going to happen next?
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 the problem?
Where could we look for more information?
What are some possible solutions to the problem?
What do you have to do to find out if you're right or wrong?
What are some ideas you have talked about and haven't tried?

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?

