**Productive Questions:**

**Attention-focusing questions** help students fix their attention on significant details:

* *Have you seen \_\_\_\_\_\_\_\_\_\_?*
* *What have you noticed about \_\_\_\_\_\_\_\_\_\_?*
* *What are they doing?*
* *How does it feel/smell/look?*

**Measuring and counting questions** help students become more precise about their observations:

* *How many \_\_\_\_\_\_\_?*
* *How often \_\_\_\_\_\_\_?*
* *How long \_\_\_\_\_\_\_\_?*
* *How much? \_\_\_\_\_\_?*

**Comparison questions** help students analyze and classify:

* *How are these items the same or different?*
* *How do they go together?*

**Action questions** encourage students to explore the properties of unfamiliar materials, living or

non-living, and of small events taking place or to make predictions about phenomena:

* *What happens if \_\_\_\_\_\_\_\_\_?*
* *What would happen if \_\_\_\_\_\_\_\_\_?*
* *What if \_\_\_\_\_\_\_\_\_\_?*

**Problem-posing questions** help students plan and implement solutions to problems:

* *Can you find a way to \_\_\_\_\_\_\_\_?*
* *Can you figure out how to \_\_\_\_\_\_\_\_?*

**Reasoning questions** help students to think about experiences and construct ideas that make sense to them:

* *Why do you think \_\_\_\_\_\_\_\_?*
* *What is your reason for \_\_\_\_\_\_\_\_?*
* *Can you invent a rule for \_\_\_\_\_\_\_\_\_?*

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