

Martens, M. L. (1999, May). **Productive questions**: Tools for supporting constructivist learning. *Science and Children*, 24-27, 53.

## **Attention-focusing questions**

help students fix their attention on significant details.

## **Measuring and counting questions**

help students become more precise about their observations.

## **Comparison questions**

help students analyze and classify.

## **Action questions**

encourage students to explore the properties of unfamiliar materials, living or nonliving, and of small events taking place or to make predictions about phenomena.

## **Problem-posing questions**

help students plan and implement solutions to problems.

## **Reasoning questions**

help students think about experiences and construct ideas that make sense to them.