

# Purposeful Questions Sample

Youth Outcome	Question	Potential Place In Activity	Desired Results
Encourage youth to predict what will happen	What do you think will happen when you use that material?	Step 6 while youth are creating their water filter	Encouraging youth to make predictions encourages them to analyze and to think in advance and plan.
Encourage youth to observe what is happening	What did you notice when you used the charcoal?	Step 6 while youth are creating their water filter	Asking questions about what youth are seeing will make them further use their observation skills - an important science skill
Encourage youth to communicate their findings	What did you find when you used those materials?	Step 7 during demonstrations of the design of the water filters	Encouraging youth to articulate their results has them analyze as well as articulate