

**Main Ideas, Key Points,
Questions:**

After watching the video segment, write down key points, main ideas and big questions.

Objective(s):

- *To plan and carry out an investigation to identify unknown powders using qualitative analysis chemical testing.*

Notes:

During the video segment, use words, phrases or drawings to take notes.

Summary:

After watching the video segment, write at least three sentences explaining what you learned. You can ask yourself: "If I was going to explain this to someone else, what would I say?"

After watching the video and performing any associated labs and/or experiments, you should be able to answer the following:

You are expected to plan and carry out a qualitative analysis investigation to identify four unknown powders using four chemical tests and a solubility chart.

Once you have completed a flowchart plan for this investigation, answer the following:

- 1. List the four unknown chemicals that you identify in this performance task.**
- 2. List the four chemical tests that you use to identify the powders in this investigation**
- 3. Write your flowchart plan for the investigation below, using the fewest possible steps to identify each powder.**