

# Planning Your Power Plants Investigation

Use this worksheet to help plan your investigation.

## Asking Questions

**1** What question are you trying to answer?

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**2** What do you think will happen?

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**3** Why do you think this is going to happen?

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## Planning and Carrying Out the Investigation

**4** How will you investigate your question?

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**5** What will you observe and measure?

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**6** Is it a fair test? What are you going to keep the same (control)? What one thing will you change (variable)?

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**7** What materials and equipment will you need?

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**8** How will you record your results?

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# Planning Your Power Plants Investigation

## Analyzing and Interpreting Data



**9** What are your results?

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**10** What do your results show you?

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**11** How do your results compare with those of others?

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## Constructing Explanations



**12** What explanation can you give for your results?

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**13** What evidence supports your explanation?

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## Communicating Information



**14** How might you tell other people about your investigation?

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