Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

S.T.E.M. Day

Ask

What am I being asked to do?

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What do I already know?

Meteorologists use different weather tools to monitor weather.

Weather instruments measure many different parts of weather including precipitation amounts,

wind direction, wind speed, air pressure, and more.

Imagine

Question to ponder?

1. How does the weather instrument we are making work?

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2. How do meteorologists use this instrument to measure a specific part of weather?

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3. Which materials we help us build a better design?

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4. How will our design survive a real weather test?

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List your ideas to create your design

|  |  |
| --- | --- |
| First Idea | Second Idea |

Plan

What steps will you take?

|  |
| --- |
| First |
| Second |
| Third |
| Fourth |

Create

Draw a picture from your design.

|  |
| --- |
|  |

Improve

What worked well?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What did not work well?

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What could you change?

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a picture from your final design