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

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

S.T.E.M. Day

Ask

What am I being asked to do?

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What do I already know?

A hurricane can produce a lot of rain.

Houses and shelters need to protect people from the rain during a hurricane.

Imagine

Question to ponder?

1. What shape should our house be to let the water come off the roof?

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2. What materials are better at letting rain move?

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3. How will the building support the roof?

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4. What should the sides of the building be made out of?

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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