Student Modeling Packet

how does a building's **roof** connect to the **water cycle?**

Name: --

Teacher: --

School: ---

How does a building's roof connect to the water cycle?

Use the box on the following pages to draw a model that shows your understanding of how a building roof connects to the water cycle. Think of everything you have learned about in your classroom that helps you understand these connections.

- Include the <u>most important parts</u> of the system in your drawing

- <u>Label your drawing with words</u> that help us better understand your picture.

Name: _____   Date: _____

Model 1: *How does a building's roof connect to the water cycle?*

Please answer questions below after your Model 1 Drawing:

1. My model shows: _____

    _____

    _____

    _____

    _____

2. My roof affects the water cycle because: _____

    _____

    _____

    _____

    _____

    and this is important because: _____

    _____

    _____

    _____

    _____

Prior to doing Model 2 Drawing

Please review your Model 1,

1. What score would you give your Model 1 on a scale from 1 to 10? (where 10 is the best model you can imagine)

   _____

   Why?_____

   _____

   _____

2. What have you learned about roofs and the water cycle since you drew the Model 1?

   _____

   _____

   _____

   _____

   _____

   _____

Name: _____   Date: _____

Model 2: *How does a building's roof connect to the water cycle?*
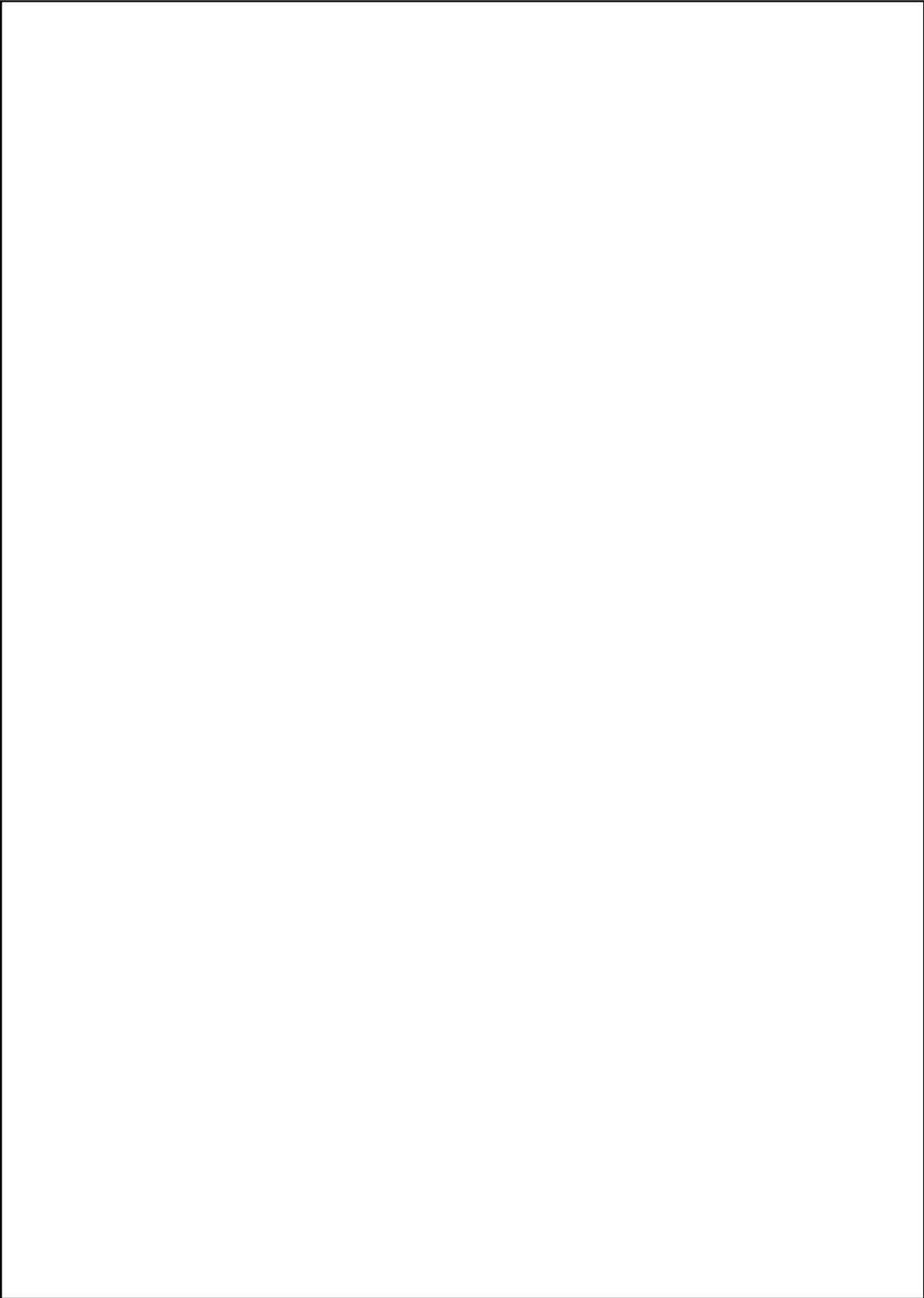
Please answer questions below after your Model 2 Drawing:

1. My model shows: _____

    _____

    _____

    _____

    _____

2. My roof affects the water cycle because: _____

    _____

    _____

    _____

    and this is important because: _____

    _____

    _____

    _____

    _____

Prior to doing Model 3 Drawing

Please review your Model 2,

1. What score would you give your Model 2 on a scale from 1 to 10? (where 10 is the best model you can imagine)

    _____

    Why?_____

    _____

    _____

2. What have you learned about roofs and the water cycle since you drew the Model 2?

    _____

    _____

    _____

    _____

    _____

    _____

Name: _____   Date: _____

Model 3: *How does a building's roof connect to the water cycle?*
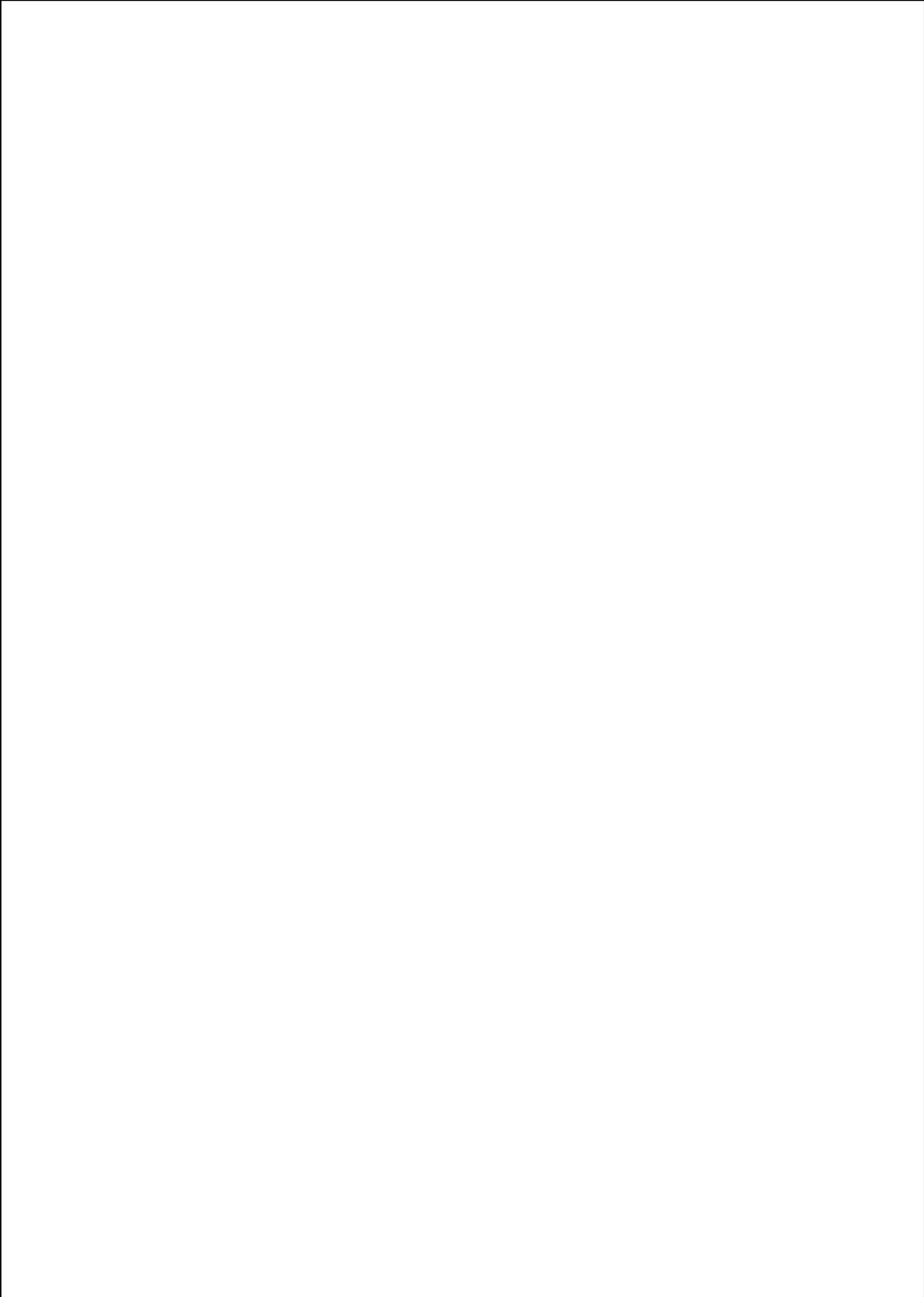
Please answer questions below after your Model 3 Drawing:

1. My model shows: _____

   _____

   _____

   _____

   _____

2. My roof affects the water cycle because: _____

   _____

   _____

   _____

   _____

   and this is important because: _____

   _____

   _____

   _____

   _____