



# The Longest Chain **STEM** Challenge





# Create the Longest Chain Challenge

-Working with your group make the longest paper chain using the materials provided. When your chain is finished lay it down and measure it. Record your measurements on the data table.



Materials per team: - 1 piece of 18 x 25" construction paper  
- glue stick

Tools: - rulers  
- scissors  
- pencils

# How long is your chain?

[illegible]

Name: \_\_\_\_\_ Date: \_\_\_\_\_



# The Engineering and Design Process

Ask: What do you have to do?

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Plan: Draw a diagram.

Imagine: Brainstorm ways to complete the task.

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Create: Follow the plan and make a model.

Improve: What works? What doesn't?  
How can we make it better?

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Make a list of materials you will need.

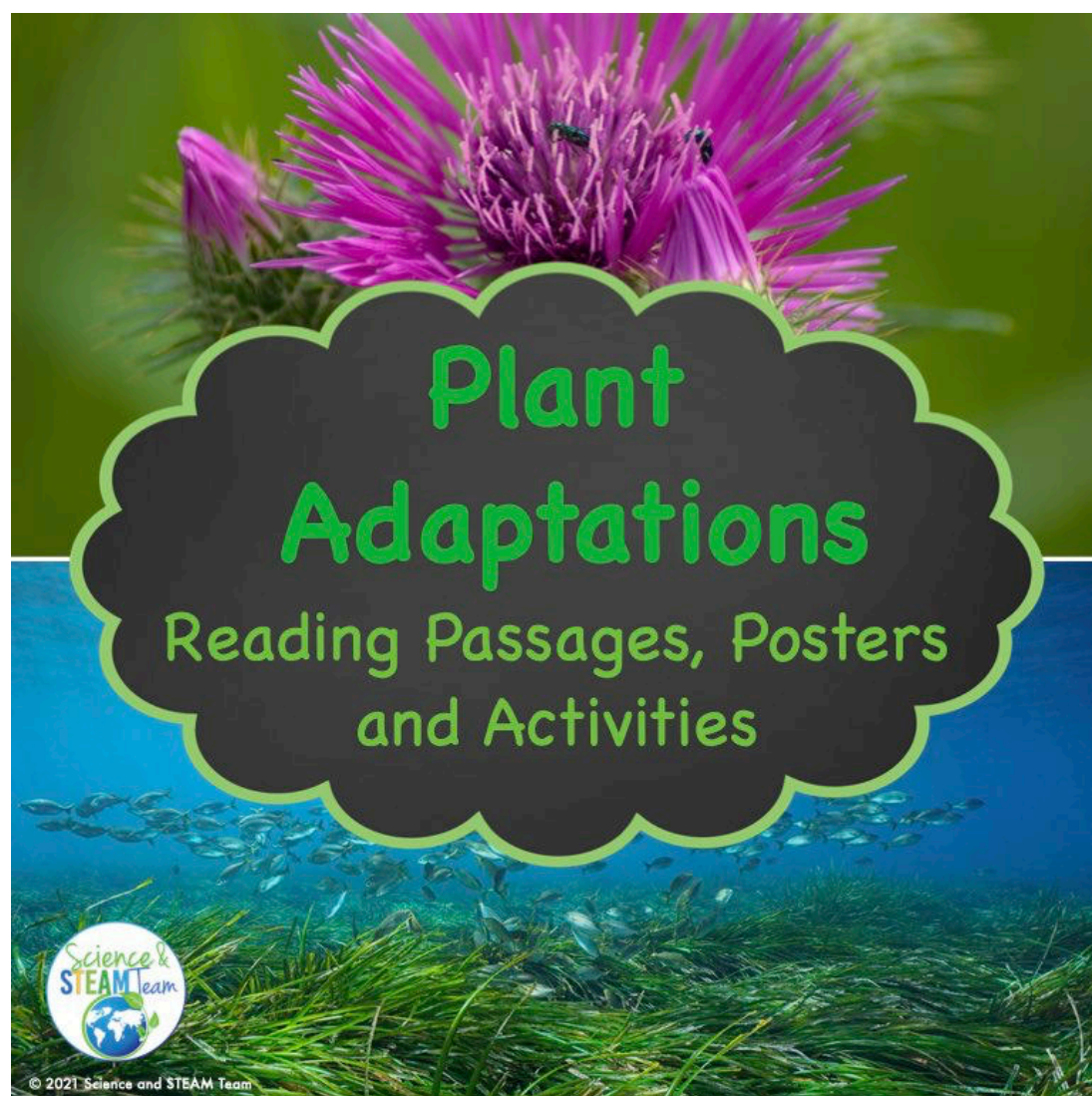
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