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 **Findley Oaks STEM Connect**

 **1st Grade Design Brief**

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| **Month****March** | **Challenge****Butterflies are Free** | **Unit****Animals** |

**Standard:**

Students should follow the engineering design process.

**Background/Problem:**  **Read the story Olmo and the Blue Butterfly. Olmo followed the blue butterfly many places.**

**Design Challenge:** Design and make your own blue butterfly.

**Criteria:**

Your butterfly must:

* be blue.
* have matching wings.
* have antennae.

**Constraints:** You can only use the materials provided. Everyone in your group needs to participate.

**Materials: (per group of 2)**

one piece of blue construction paper

pom–poms

ribbon

glue and/or glue sticks

pipe cleaners

anything from the scrap box

brads (only to make something move or to connect parts)

1 toilet paper role

google eyes

Anything else your teacher puts out for you to use

**Tools:**

markers and / or crayons

scissors

crazy scissors

hole punch

staplers

rulers

Paper (For design planning)

Pencils

