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**Findley Oaks STEM Connect**

**1st Grade Design Brief**

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| **Challenge**  **Butterflies are Free** | **Unit**  **Life Cycle** |

**Standard:** Prioritized Standard: S1L1.c Obtain, evaluate, and communicate information about the basic needs of plants and animals.

Students should follow the engineering design process.

**Background/Problem:** Watch the video of the life cycle of a butterfly.

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

**Criteria:**

Your butterfly must:

* have matching wings
* have antennae

**Constraints:** You can only use the materials provided.

**Materials:**

one piece of construction paper

pompoms

ribbon

glue and/or glue sticks

pipe cleaners

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

toilet paper role

google eyes

**Tools:**

markers and / or crayons

scissors

crazy scissors

hole punch

staplers

rulers

Paper (For design planning)

Pencils

