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**Findley Oaks STEM Challenge**

**2nd Grade Design Brief**

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| Challenge  Tissue Paper  Life Cycle Collage | Unit  Life Cycles |

**Standard:** Prioritized Standard: S2L1.b Obtain, evaluate, and communicate information about the life cycles of different living organisms. Plan and carry out an investigation of the life cycle of a plant by growing a plant from a seed and by recording changes over a period of time.

Students should follow the **Engineering Design Process.**

**Background/Problem:**

We have been learning about life cycles. Your teacher needs your help teaching others about four stage life cycles by creating a collage. Can you help?

**Design Challenge:**

Your challenge is to pick an insect or animal that has four stages and design a collage out of tissue paper that is torn and made to represent each stage.

**Criteria:**

Your collage needs to:

* contain the life cycle stages
* be made out of tissue paper
* be glued onto a transparency/piece of GLAD press and seal so that when you put it on a window the light can shine through

**Constraints:**

* You can use some of are all of the materials.

**Materials:**

* transparency paper or a 11 x 81/2 piece of GLAD press and seal
* tissue paper (assorted colors)

**Tools:**

* rulers
* scissors
* glue sticks
* paper/pencil for design planning

Life cycle examples:









