

Promising Practices: Creative Teaching

Light Up My Learning



What is it?

Students demonstrated a key learning moment from the prior semester by creating a 3-D visual display and researching basic electrical circuits, making it light up to create a unique and dynamic visual representation.

Impact?

- Academic Engagement
- Motivation
- Design Thinking



Show us how you did it: [#PromisingPractices](#) [#FreeTeacherResources](#)

About



To learn more about this resource:



[Light Up My Learning](#)



Submitted by:

Chad Kaufmann
Canyon Springs STEM Academy
Deer Valley Unified

Promising Practices: Creative Teaching

Light Up My Learning



Sample



Grade Level

6-12

Additional Resources



STEM Resource
Center*

How to do it:

1

Reflection: Ask students to reflect on something meaningful they learned during the previous semester.

2

Materials: Provide students with a variety of materials; boxes, construction paper, string, cotton balls, glue, paint, etc. Provide students with cut fairy lights*, batteries, and a length of wire but no instructions on how to make the lights work.

3

Brainstorm & Build: Students brainstorm how to use available materials to model a representation of their learning incorporating the fairy lights. Students research how to connect their lights and illuminate their model and complete their design.

4

Written Description: Students write one paragraph describing their model and how it represents their meaningful learning.



Office of the Maricopa County
School Superintendent
Steve Watson
schoolsup.org/promising-practices