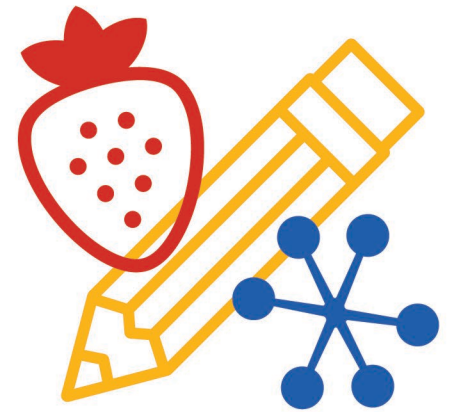


extended school enrichment

AWARENESS



SITE PLAN #3 January 5-March 12

STEM Challenges	Description	Date & Time
Longest Paper Chain	Students will be separated into teams of three or four. Each team will be given two pieces of construction paper, scissors, and glue sticks. The teams will then compete to make the longest paper chain with the paper they have been given. All the teams will have the same amount of paper to work with, but the challenge is to figure out how to best cut up the paper to make the longest chain possible. They will be given 20 minutes to complete their paper chain. The pod will compare the chains when the time is up.	1/8/21 3:40 pm
Paper Plate Rollercoaster	Students will be separated into groups of three or four. Each group will be given paper plates, scissors, paper towel tubes, and duct tape. Each group will be given 20 minutes to make a marble roller coaster by using the edges of the plates as the track and the paper towel tubes as supports. When their rollercoaster is complete, the groups will be given a marble so they can test out their design.	1/22/21 3:40 pm
Tallest Index Card Tower	Students will be separated into teams of three or four. Each team will be given twelve index cards and some tape. Each team will need to come up with a design that gives them the tallest tower possible. They will have 20 minutes to complete their towers. The pod will compare the towers when the time is up.	2/5/21 3:40 pm
Paper Plate Spinner	Students will be separated into groups of three or four. Each group will be given four small paper plates, markers, scissors, a penny, a nickel, a dime, and a quarter. Each person in the group will color in a cool design on the plate that they think would look cool while spinning. Each person in the group will be given one of the coins. They will make a slit in the middle of the plate to fit their coin in. The group will then test out which coin works best for making the paper plate a spinner. They will record their findings on a worksheet.	2/19/21 3:40 pm
Sturdiest Straw Airplane	Students will be tested on their precision and listening skills as they will each make a straw airplane of their own. Each student will be given a piece of construction paper, 4 straws, scissors, and tape. Students will follow a few simple steps to make a plane out of two rings of construction paper, a smaller one in for the front and a larger one in the back, and 4 evenly spaced out straws connecting the front of the plane to the back. After the planes have been made, students will line up in the room horizontally and launch their planes. It will be a competition to see which plane goes the farthest while staying in one piece.	3/5/21 3:40 pm
LEGO Bridge Over Water	Students will be separated into groups of three or four. Each group will be given a container of LEGOs and a drawing of a river on poster paper. Each group will need to work together to construct a bridge that is both tall and wide enough to go from one side of the river to the other. The groups will have 20 minutes to complete their bridge using the random assortment of LEGOs given them.	3/12/21 3:40 pm

SMOKY ROW ELEMENTARY

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