

FAMILY STEAM CHALLENGES

April 2nd, 2020

Family STEAM Challenges

4/2/2020

You have two options for your next STEAM challenge.

This week you can choose to build a vehicle OR an airplane.

The lists of materials are optional, use any materials you have at your house, as long as parents say it's okay.

Scan the QR codes for examples and resources to help you invent your idea!

Email your STELLAR teacher with your final product - we can't wait to see what you come up with!

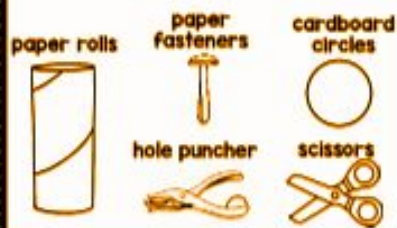
*Don't forget you can email us with any questions you have along the way!

Make a rolling vehicle.



MATERIAL OPTIONS

CARDBOARD VEHICLE



MINI CUP VEHICLE



RESOURCES

CARDBOARD VEHICLE



MINI CUP VEHICLE

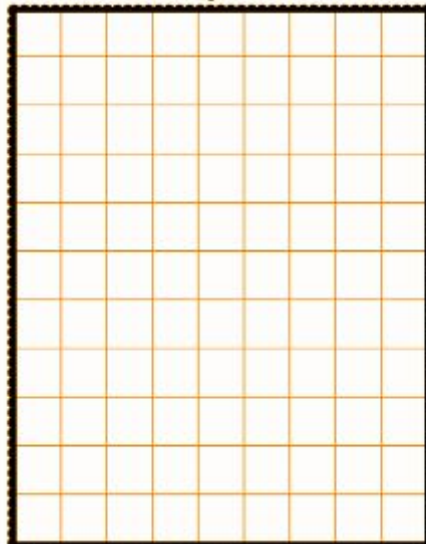


VEHICLE

Name: _____
Blueprint



MATERIALS



How far did your vehicle roll?

_____ cubes

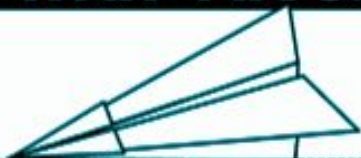
Build a ramp.



How far did your vehicle roll?

_____ cubes

Make a paper airplane that flies.



MATERIALS



paper



meter stick

RESOURCES

MAKE A PAPER AIRPLANE

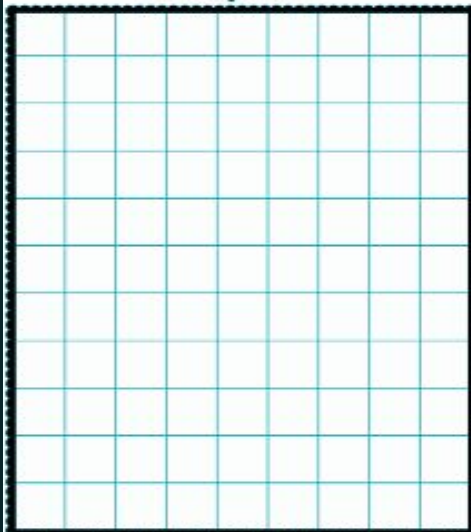


FOLD N FLY



PAPER AIRPLANE

Name: _____
Blueprint



MATERIALS

FLIGHT TESTS

| TEST | How far did it fly? |
|------|---------------------|
| 1 | |
| 2 | |
| 3 | |