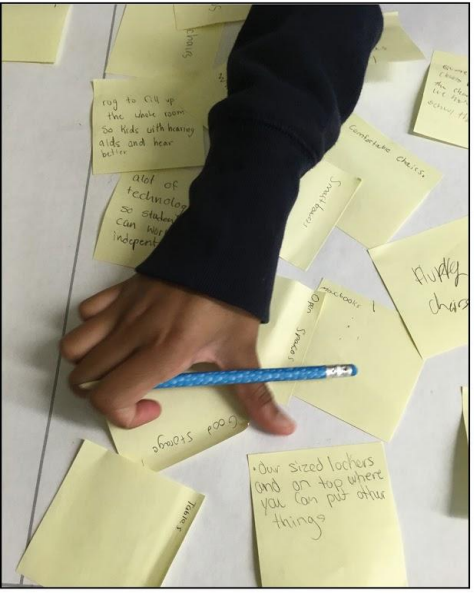
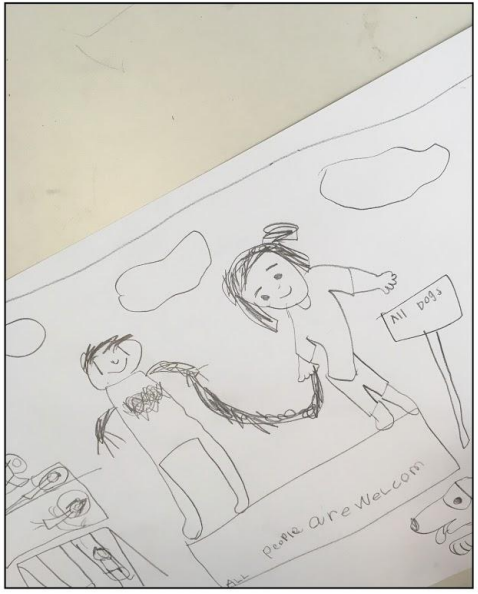
BSA BOSTON SOCIETY FOR ARCHITECTURE

OUR MEDFORD

PROJECT

This week, you are going to be working on a project we call: *Our Medford*. You will be **brainstorming**, **drawing**, and **building** your ideas over the next several days. Use whatever you find around the house and grab a pencil and paper.





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KINDERGARTENERS:

Since you have been learning all about **design + construction** and are the experts, the Mayor has asked all of you to **create a solution** to the question,

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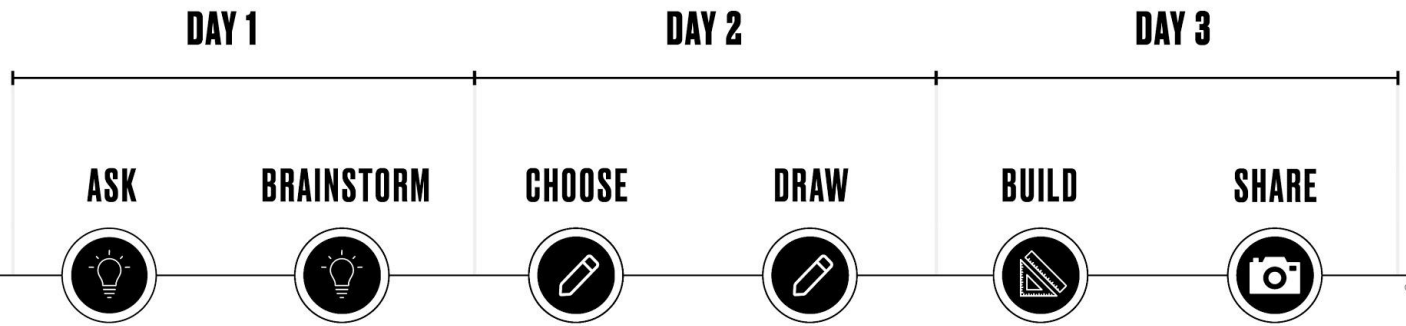
"WHAT IDEAS DO YOU HAVE THAT COULD BE CONSTRUCTED TO MAKE MEDFORD MORE FAIR AND INTERESTING FOR CHILDREN?"

DESIGN PROCESS

Use the following steps to help guide you and your child's project.
Below is a suggested schedule for the project.



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ASK

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To understand how to build something that would make Medford more fair and interesting for children, it helps to **talk** through your ideas.

Use the **5 Ws** to help guide you:

- **Who** might it help?
- **What** could it be used for?
- **When** could it be used?
- **Where** do we need it?
- **Why** does it make the city fairer and more interesting for children?

DAY 1

IDEAS FROM PAST STUDENTS

- free homes for all
- indoor playground for all
- machines to clean garbage in the city/harbor
- no-money restaurant
- mobile toy van

BRAINSTORM

Write down as many **ideas** as you can think of.

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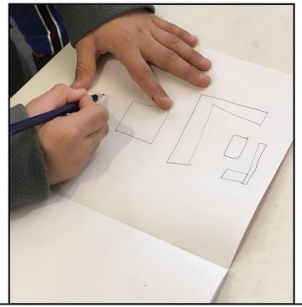
CHOOSE

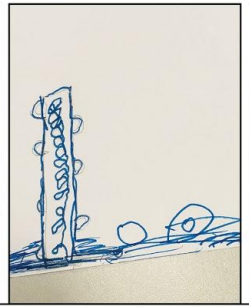
Talk together as a family and vote on the idea you think would make Medford more fair and interesting. Which one did you choose? Write down your **project idea**.

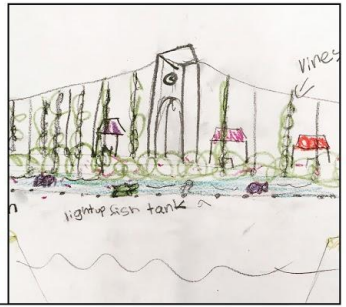
DAY 2

DRAW

Draw your idea and give it a title. This drawing is your **building plan**.







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BUILD

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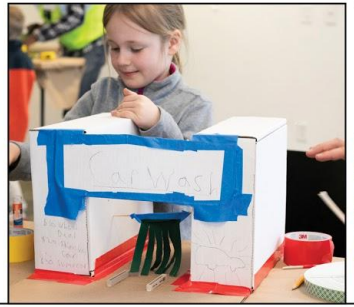
Work together to **build your model** and **use your drawing** to help guide you. Think about what materials in your house you can use to construct your idea. See **slide 6** for material ideas.

DAY 3



SHARE

Take pictures of your **model**, **description**, + **drawings** to share with your teacher.

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BUILDING MATERIALS

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WHAT IS A MODEL?

A model is a three dimensional (3-D) representation of an idea.

Models can be quick + rough; architects call these "sketch models."

MODEL-MAKING SUGGESTIONS

When building a model, encourage your student to be as creative as possible with what they choose to build with. Any material can represent anything else: a toilet paper tube can be a tree trunk, a playground tube, or even a person. Anything can be used to make a simple model. Let your child experiment ways to accomplish what they want to build. Keep trying + testing.

MATERIAL IDEAS FROM AROUND YOUR HOME

+ RECYCLED BOXES

cereal boxes
pasta + crackers boxes
clean juice cartons
shoe boxes
shipping boxes
jewelry boxes

+ NATURE FINDS

sticks + leaves
pebbles/rocks
acorns

+ RECYCLED ITEMS

corks
toilet paper tubes
paper towel tubes
paper cups
yogurt cups
brown paper bags
takeout trays
packaging materials

+ TAPE/GLUE

clear packing tape
white glue
glue sticks

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