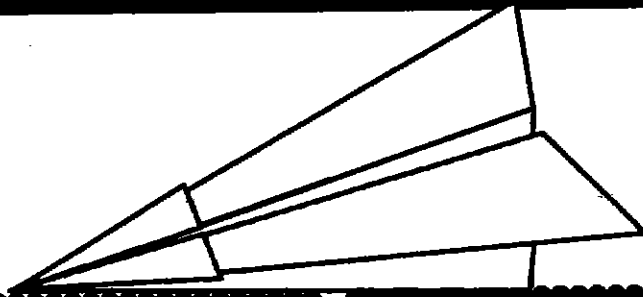
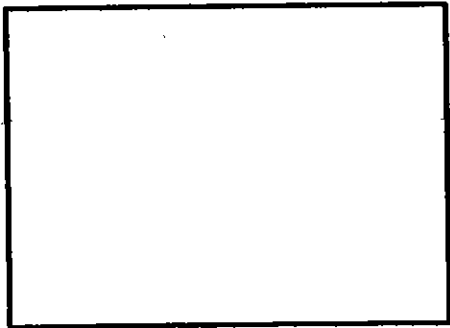


MAKER STATION

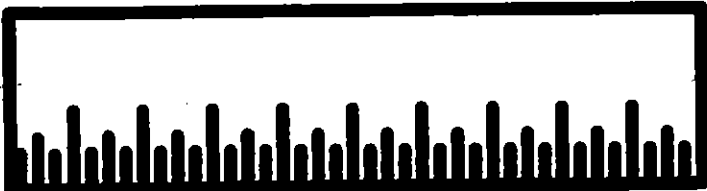
Make a paper
airplane
that flies.



MATERIALS



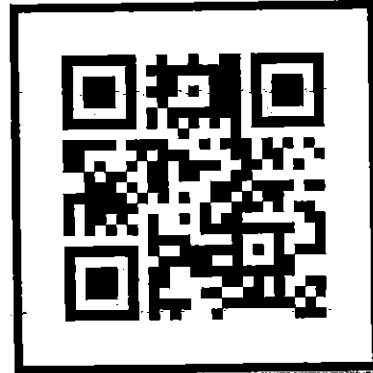
paper



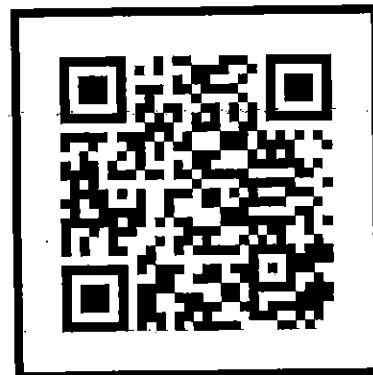
meter stick

RESOURCES

MAKE A PAPER AIRPLANE



FOLD N FLY

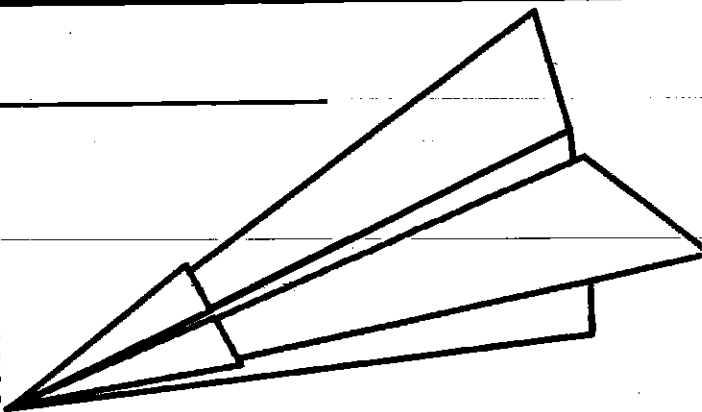
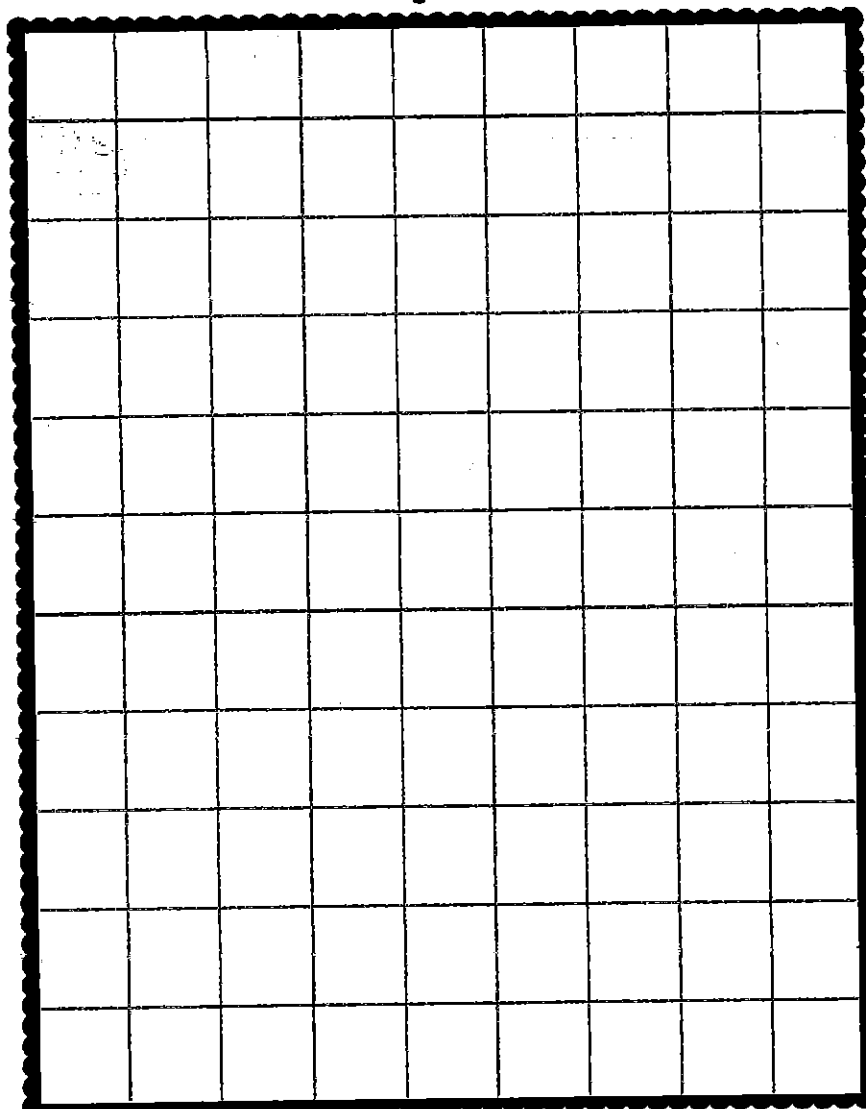


PAPER AIRPLANE

Maker Station Creation

Name: _____

Blueprint



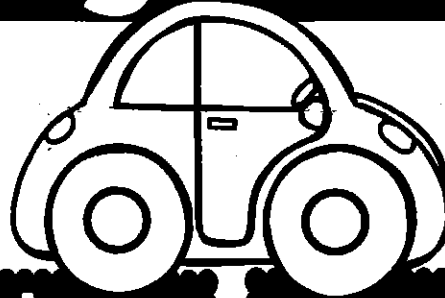
MATERIALS

FLIGHT TESTS

TEST	How far did it fly?
1	
2	
3	

MAKER STATION

Make a rolling vehicle.



MATERIAL OPTIONS

CARDBOARD VEHICLE

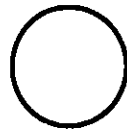
paper rolls



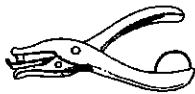
paper fasteners



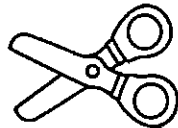
cardboard circles



hole puncher



scissors



MINI CUP VEHICLE

mini cups



straws



toothpicks



foam balls or playdough



tape and scissors



RESOURCES

CARDBOARD VEHICLE



MINI CUP VEHICLE

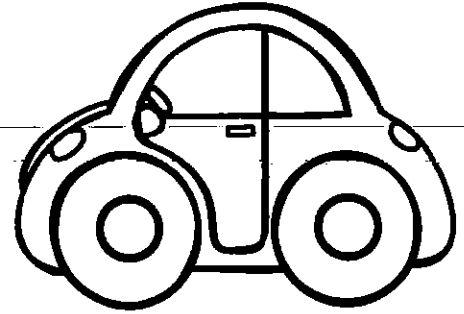
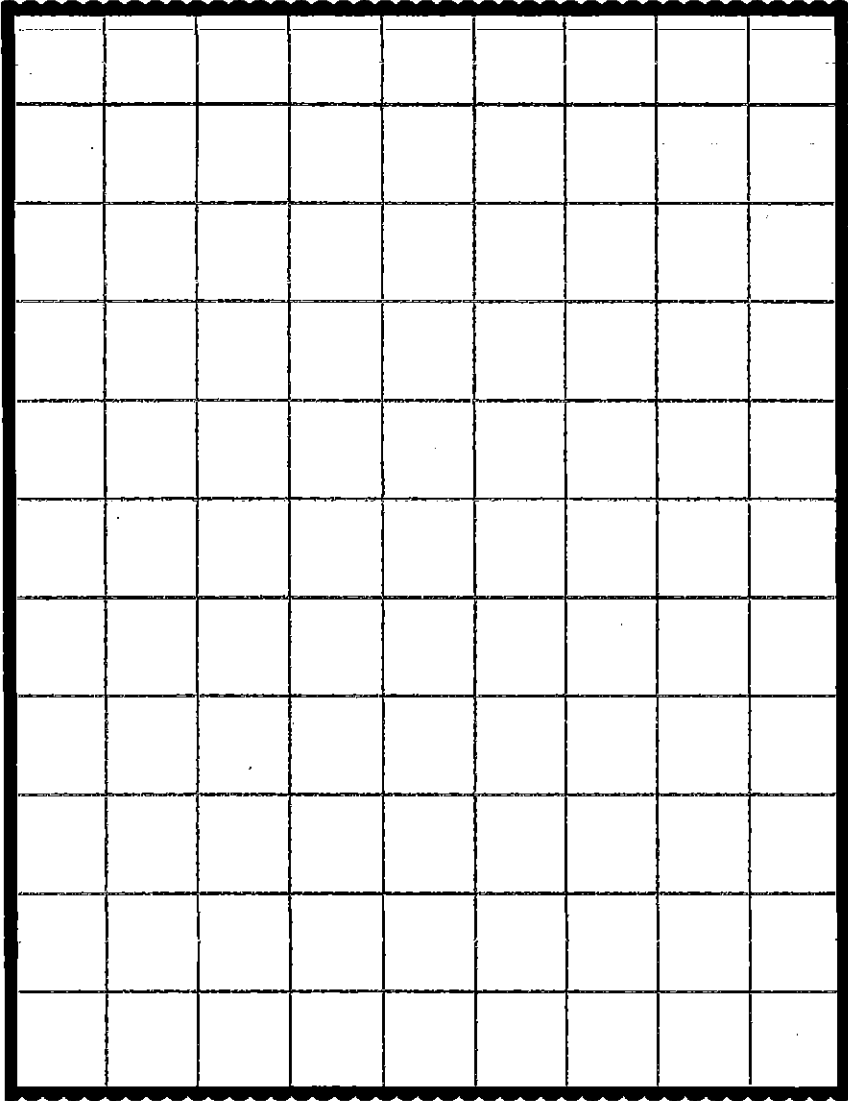


VEHICLE

Maker Station Creation

Name: _____

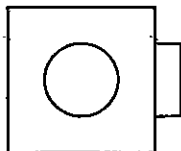
Blueprint



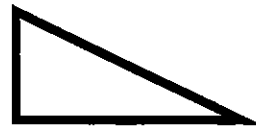
MATERIALS

How far did your
vehicle roll?

_____ cubes

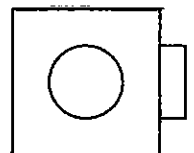


Build a ramp.



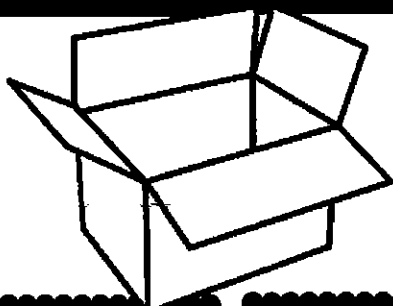
How far did your vehicle roll?

_____ cubes

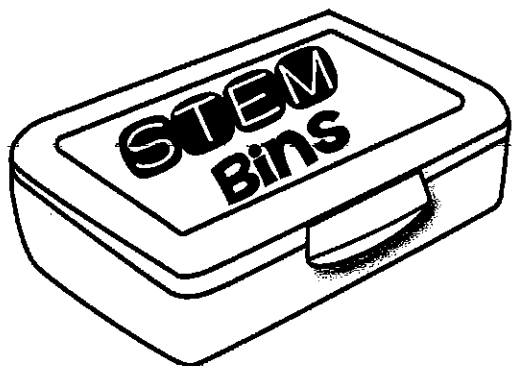


MAKER STATION

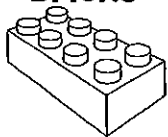
Make a box that holds pennies.



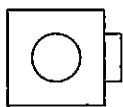
MATERIAL OPTIONS



building bricks



linking cubes



index cards and tape



pennies



RESOURCES

BUILDING BRICK CONTAINER



INDEX CARD BOX

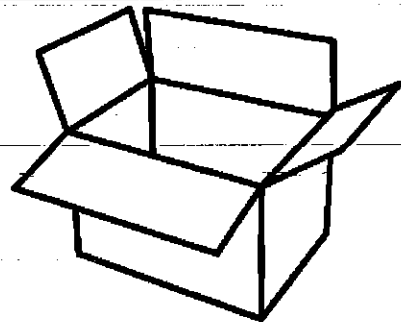
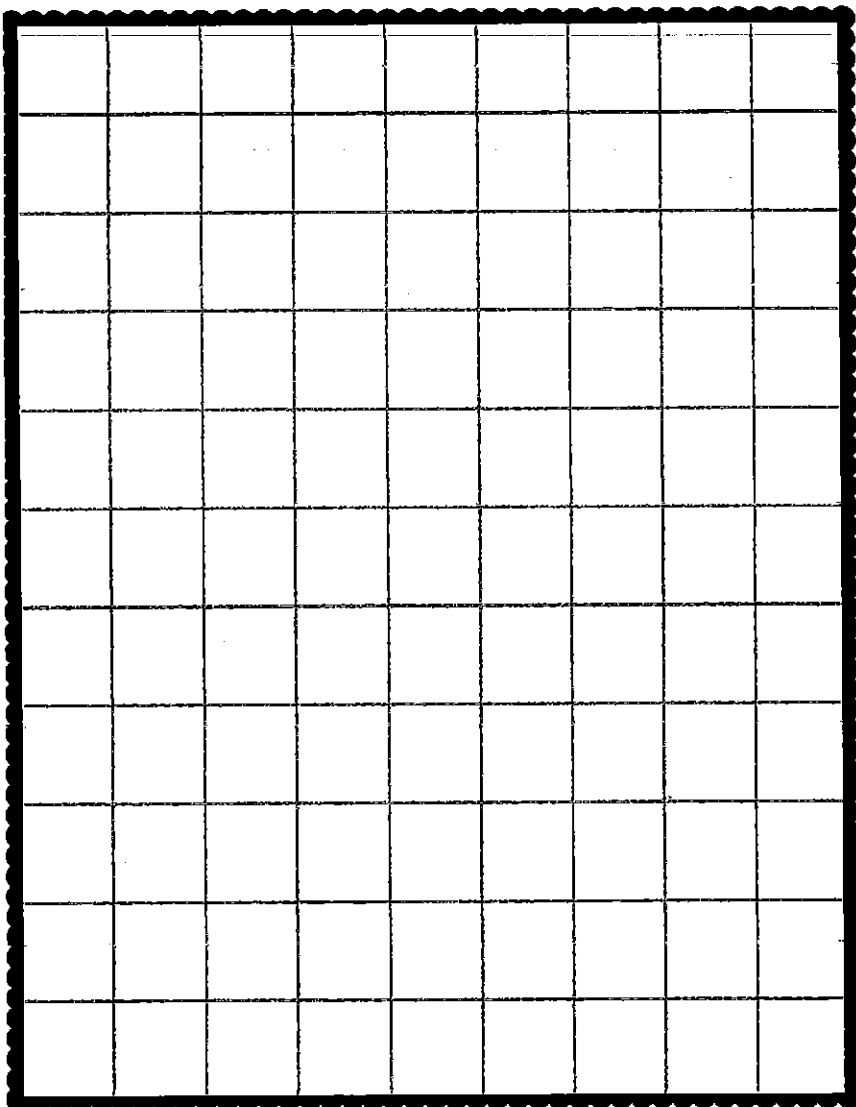


BOX

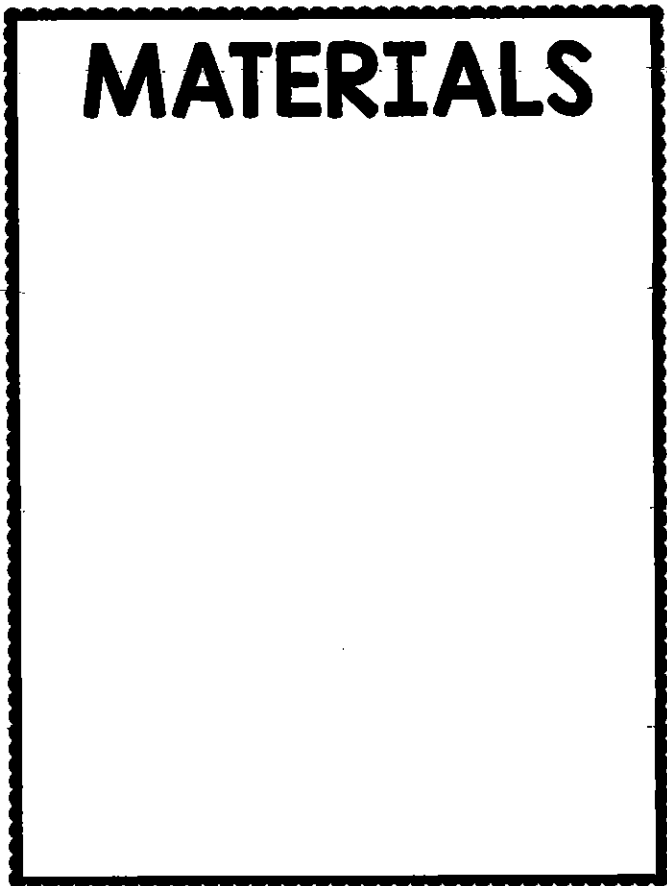
Maker Station Creation

Name: _____

Blueprint



MATERIALS



How many pennies does your box hold?

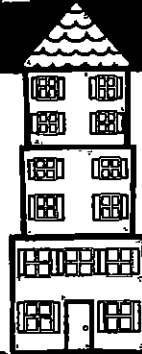
_____ pennies



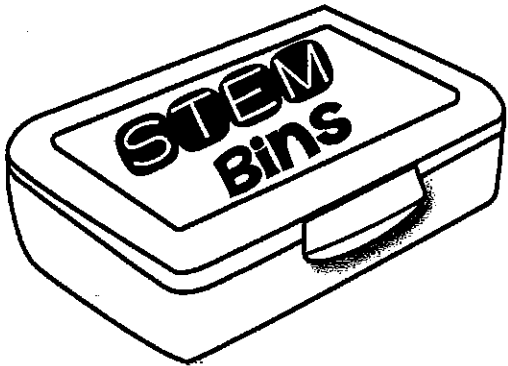
What else can your box hold?

MAKER STATION

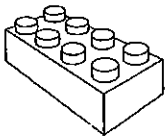
Make a tall tower.



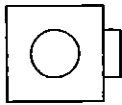
MATERIAL OPTIONS



building bricks



linking cubes



index cards and tape



mini cups



wooden planks



magnetic blocks

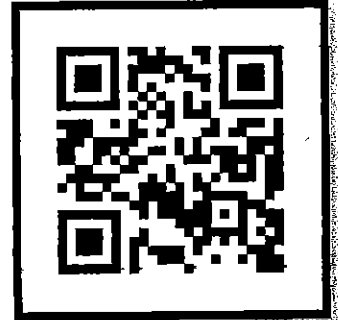


RESOURCES

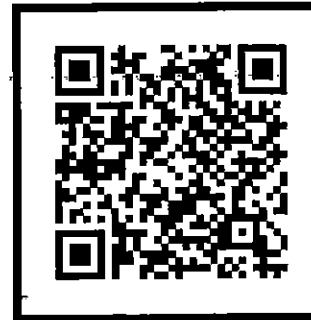
STRONG TRIANGLES



TALLEST BUILDINGS IN THE WORLD



SKYSCRAPERS



CUP TOWERS

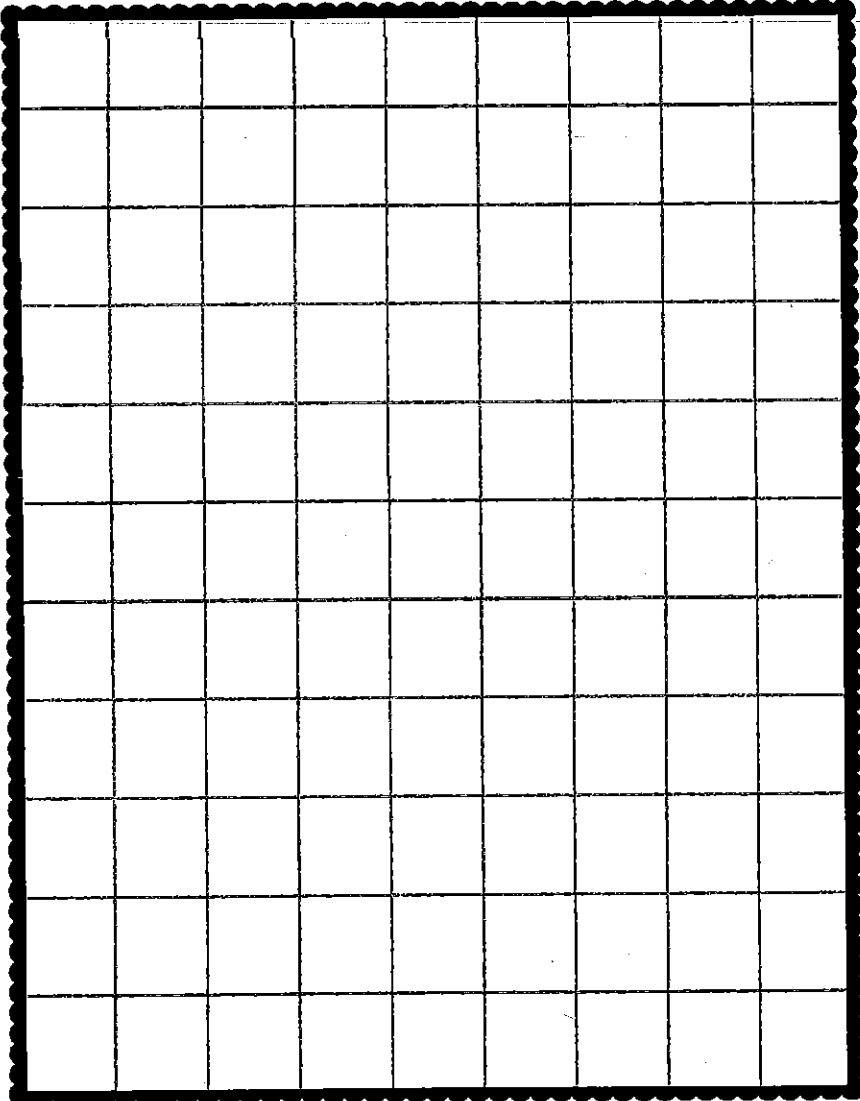


TALL TOWER

Maker Station Creation

Name: _____

Blueprint

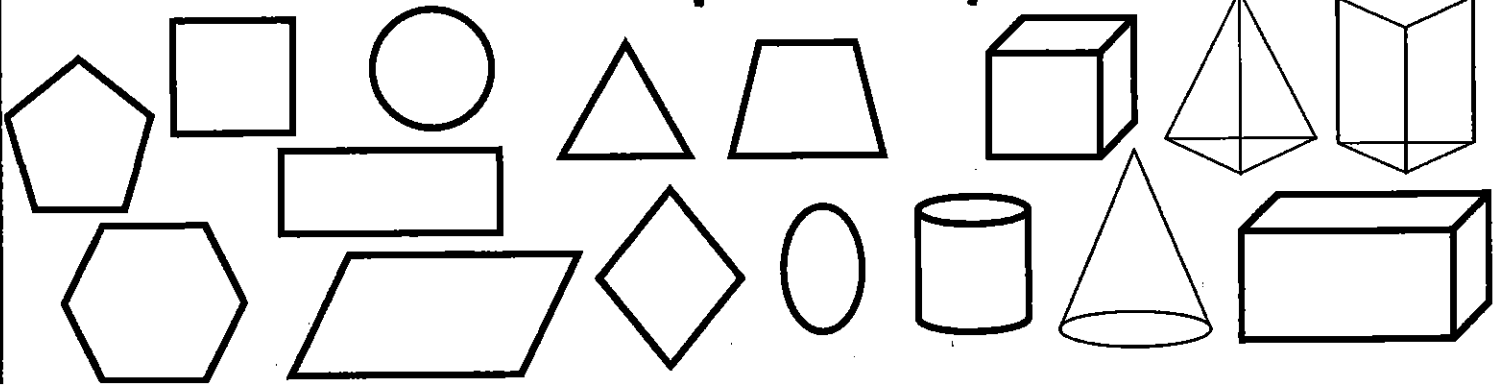


MATERIALS

How tall is your tower?

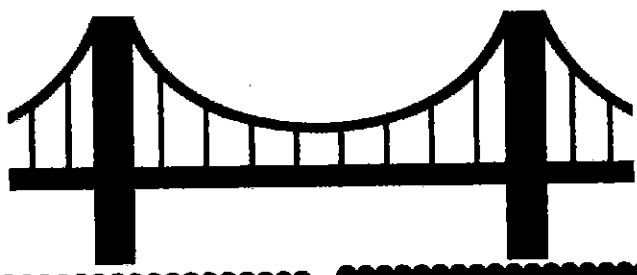
_____ cubes 

Color the shapes that you used.

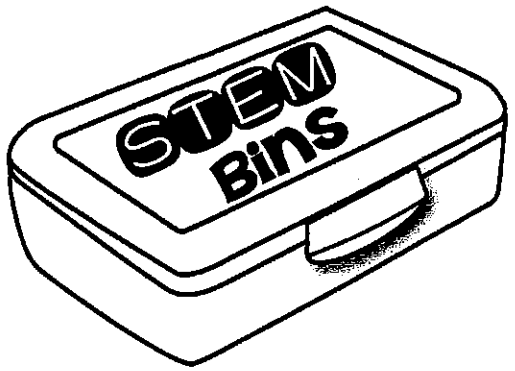


MAKER STATION

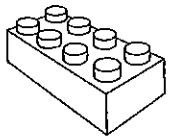
Make a bridge that holds pennies.



MATERIAL OPTIONS



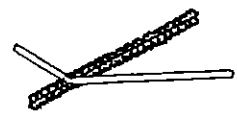
building bricks



wooden planks



straws and pipe cleaners

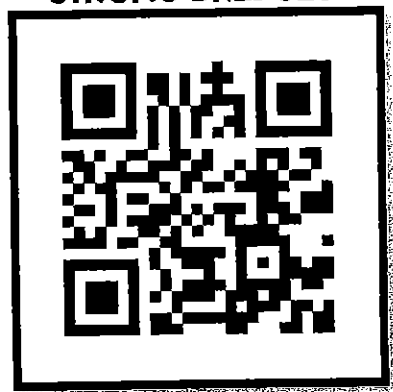


pennies



RESOURCES

STRONG BRIDGES



TYPES OF BRIDGES

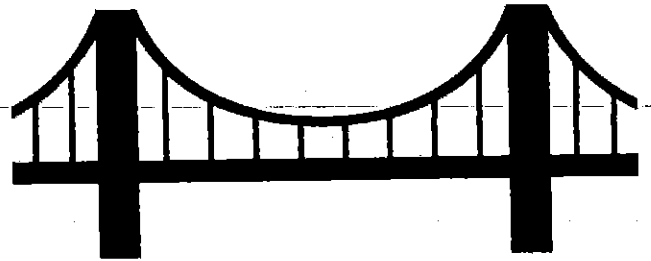
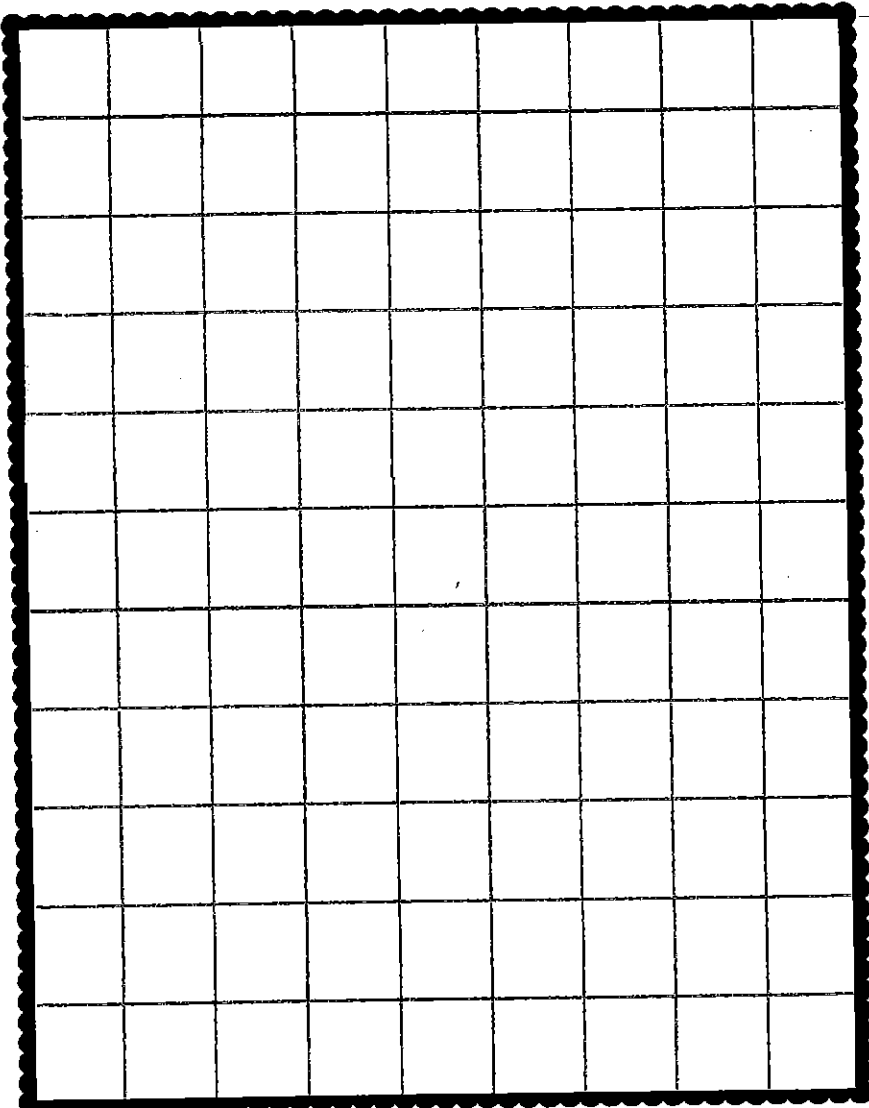


BRIDGE

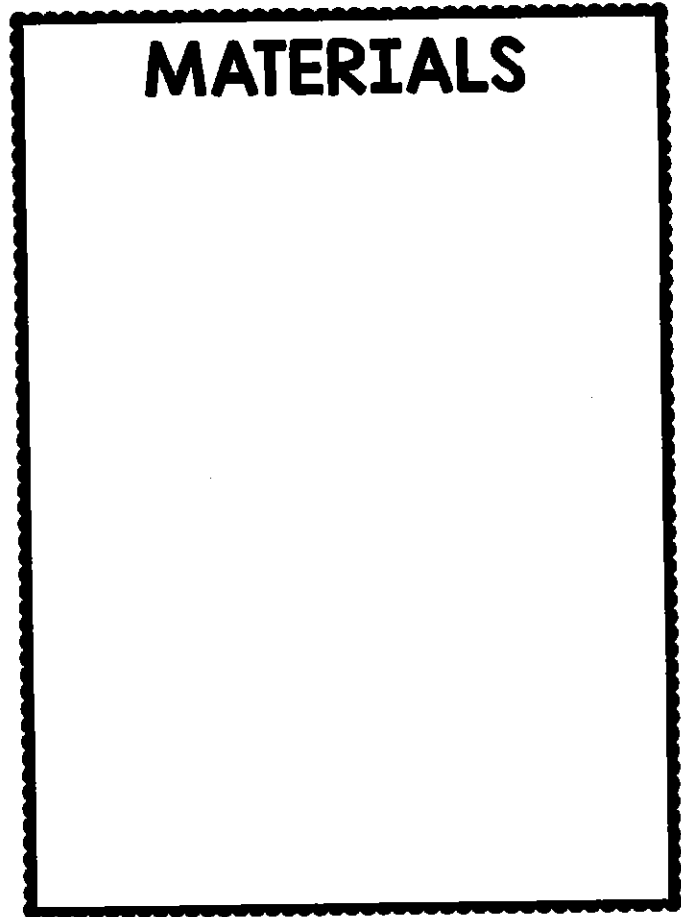
Maker Station Creation

Name: _____

Blueprint



MATERIALS



How many pennies does
your bridge hold?

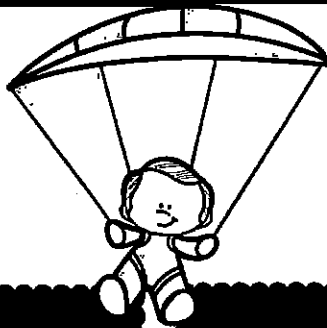
What else can your
bridge hold?

_____ pennies



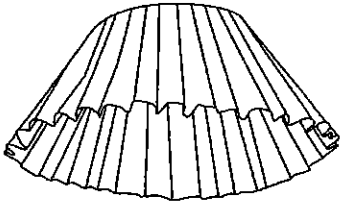
MAKER STATION

Make a parachute and basket for a mini figure.

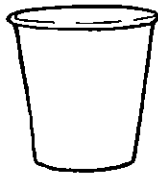


MATERIALS

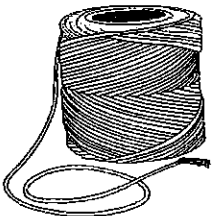
coffee filters



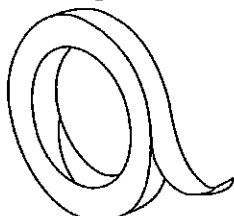
mini cups



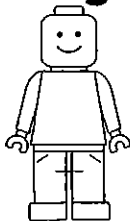
string



tape

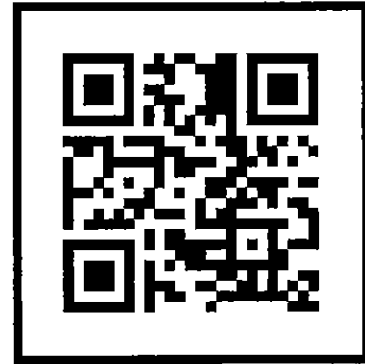


mini figures



RESOURCES

HOW PARACHUTES WORK



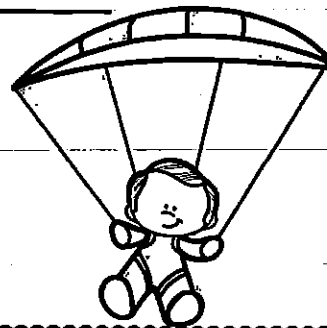
MAKING PARACHUTES



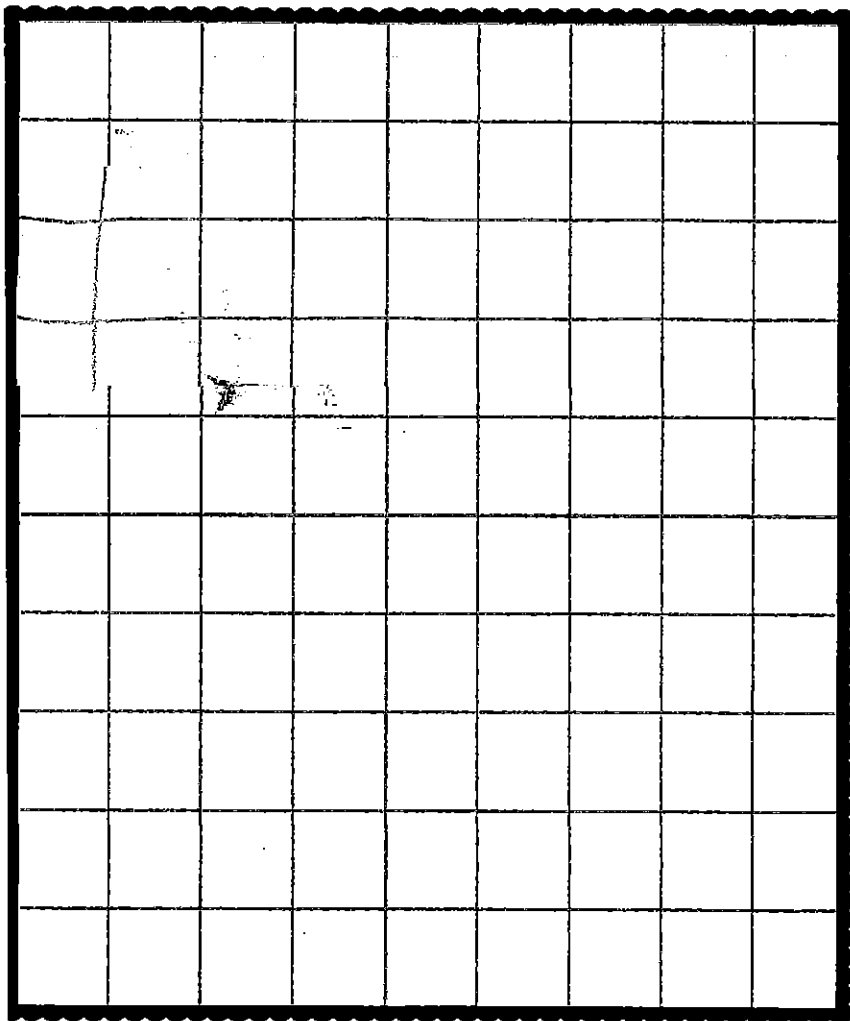
PARACHUTE

Maker Station Creation

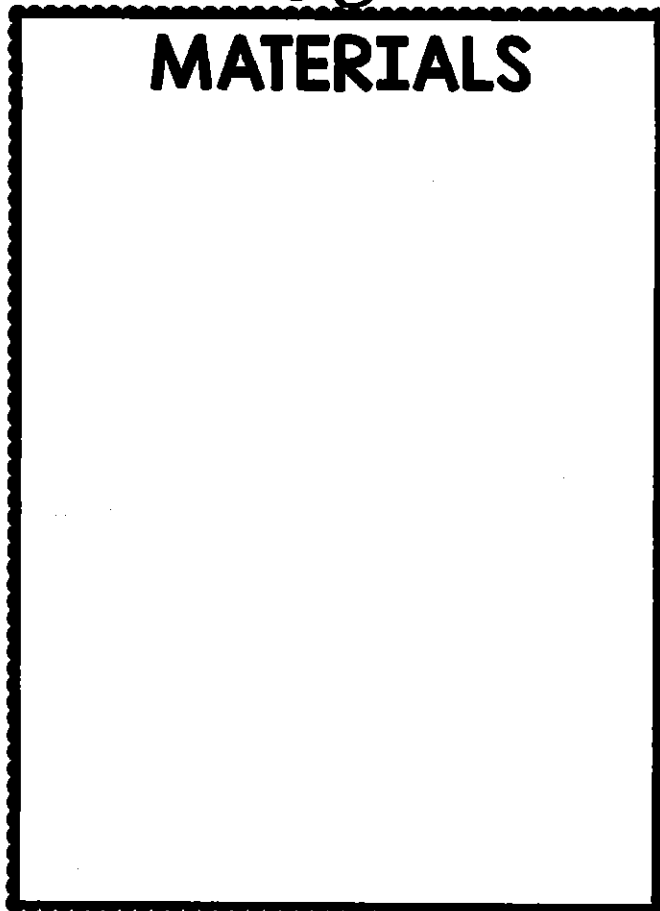
Name: _____



Blueprint



MATERIALS



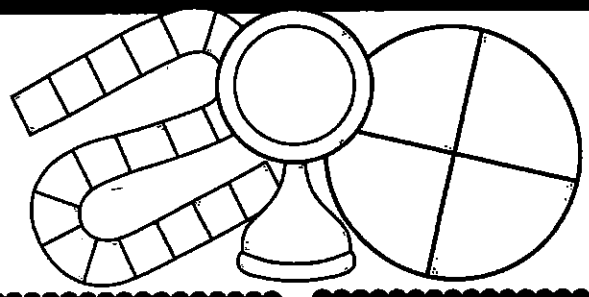
Did your mini figure
land safely?

YES **NO**

What else can your
basket hold?

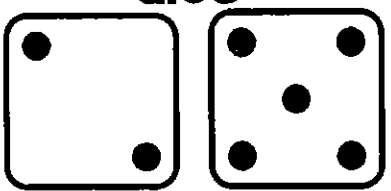
MAKER STATION

Make a board game.

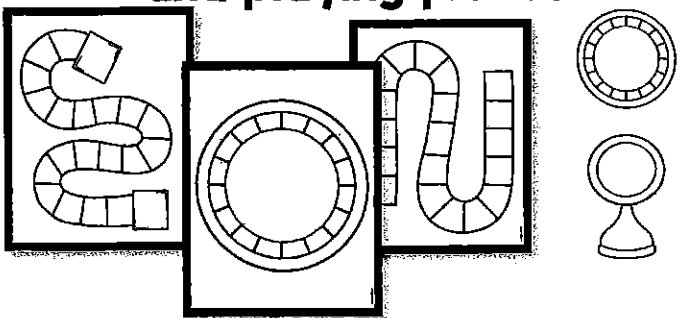


MATERIALS

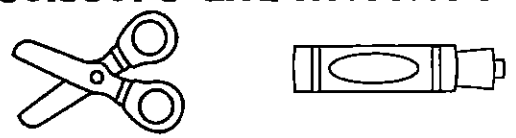
dice



game boards
and playing pieces



scissors and markers

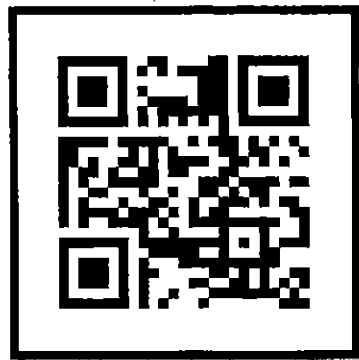


RESOURCES

BOARD GAME EXAMPLES



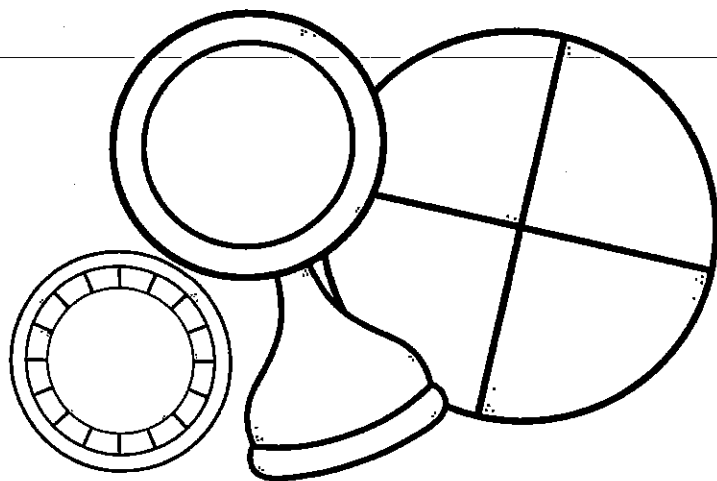
MORE BOARD GAME EXAMPLES



BOARD GAME

Maker Station Creation

Name: _____



Game Title

Number of Players

HOW TO PLAY

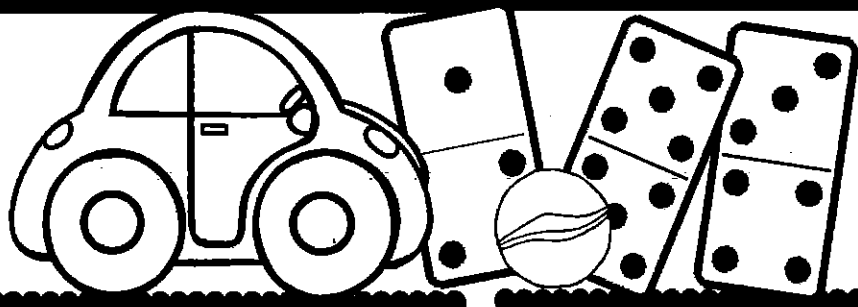
FIRST

NEXT

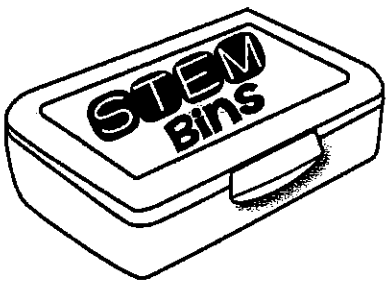
LAST

MAKER STATION

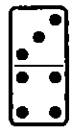
Make a chain reaction.



MATERIAL OPTIONS



dominoes



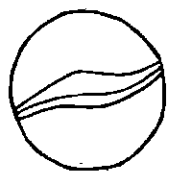
wooden planks



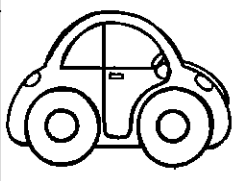
mini cups



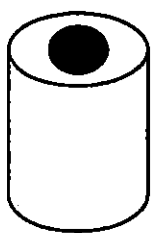
marbles



toy cars

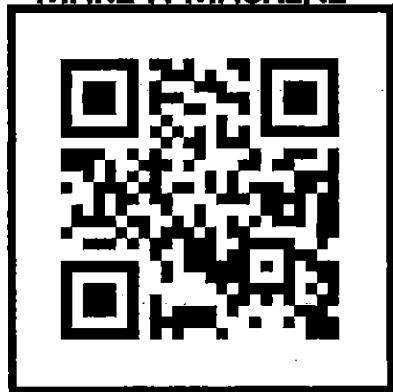


spools



RESOURCES

MAKE A MACHINE



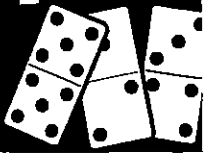
RUBE GOLDBERG INVENTIONS



CHAIN REACTION

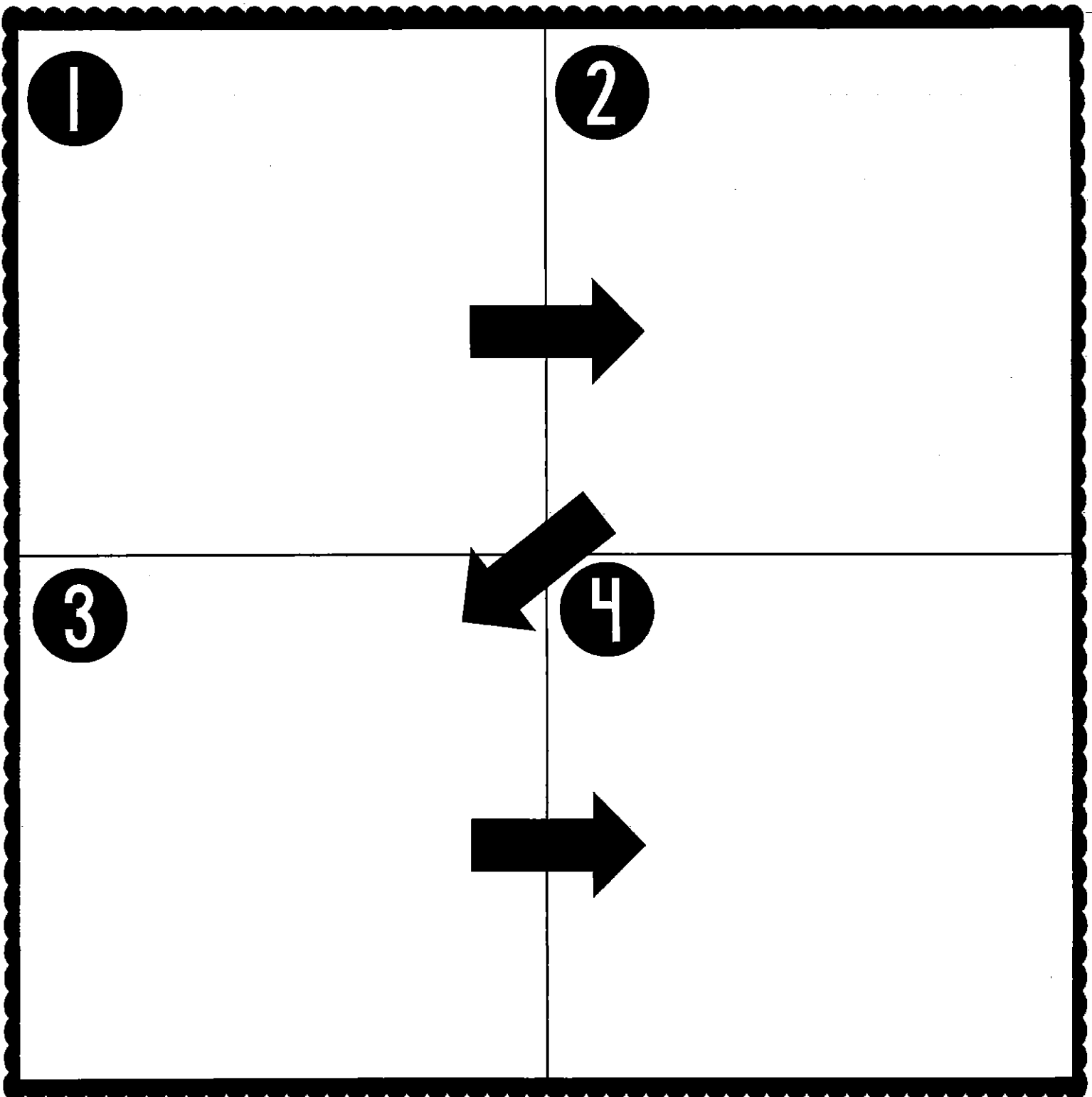


Maker Station Creation



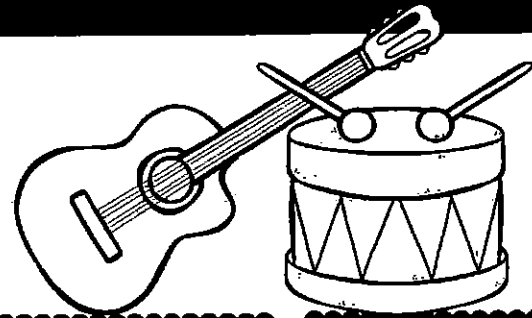
Name: _____

Draw your chain reaction in order.

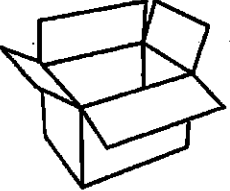

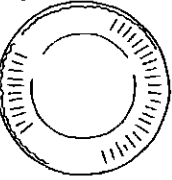

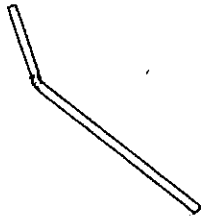
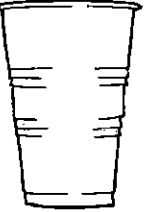

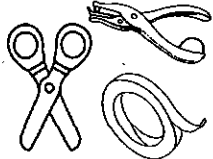


MAKER STATION

Make a musical instrument.



MATERIAL OPTIONS

empty tissue boxes 	paper rolls 	paper 
paper plates 	rubber bands 	straws 
cups 	dry beans or rice 	hole puncher, scissors, and tape 

RESOURCES

STRING INSTRUMENTS



PERCUSSION INSTRUMENTS



HOW-TO VIDEO PLAYLIST



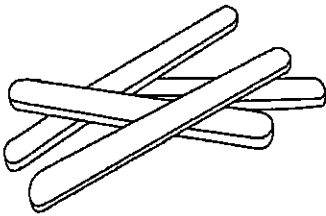
MAKER STATION

Make a catapult
to launch a
pom pom.

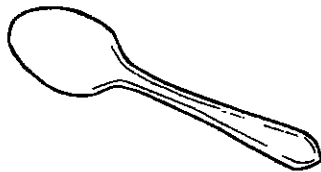


MATERIAL OPTIONS

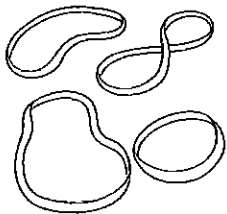
popsicle
sticks



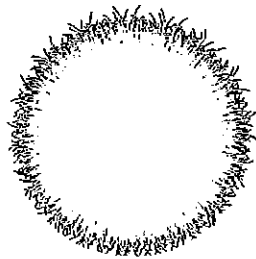
plastic
spoons



rubber
bands



pom poms



meter stick

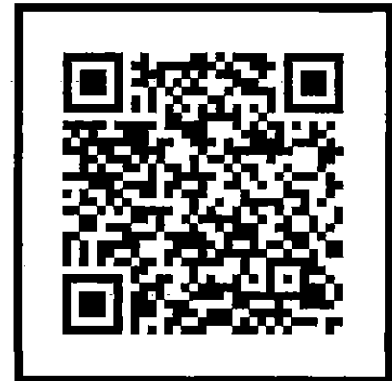


RESOURCES

SPOON CATAPULT

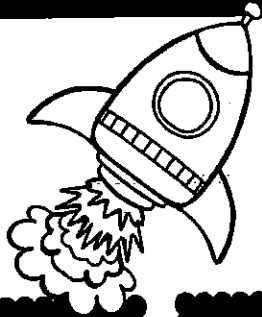


POPSICLE STICK CATAPULTS



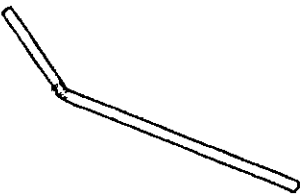
MAKER STATION

Make a straw rocket.



MATERIAL OPTIONS

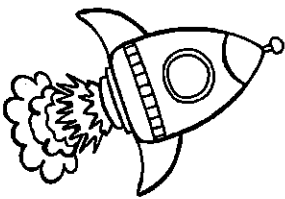
straws



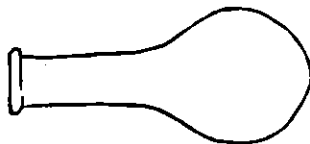
paper scraps



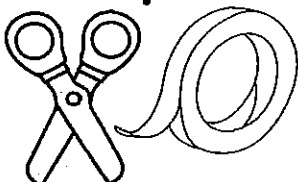
paper rockets



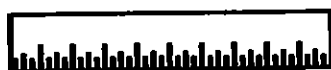
balloons



scissors and
tape

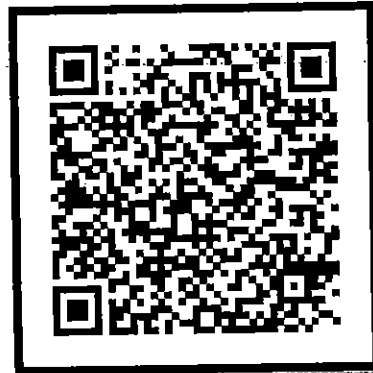


meter stick

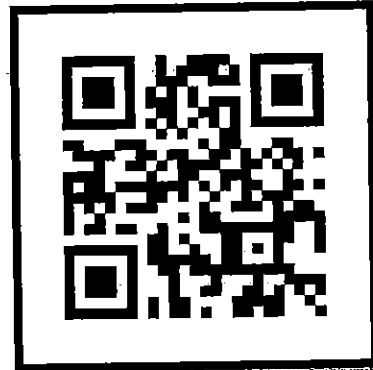


RESOURCES

PAPER STRAW ROCKETS



BALLOON STRAW ROCKETS

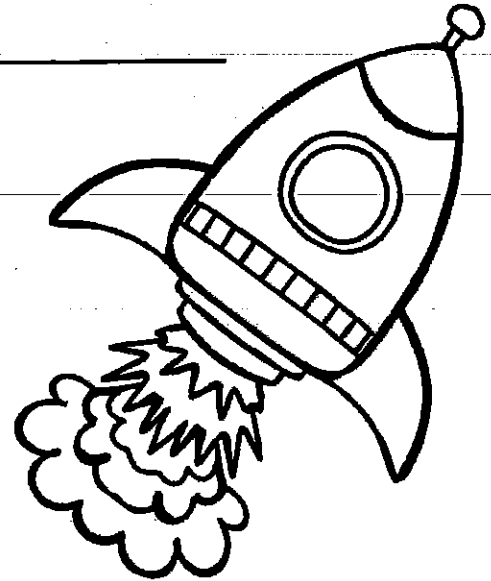
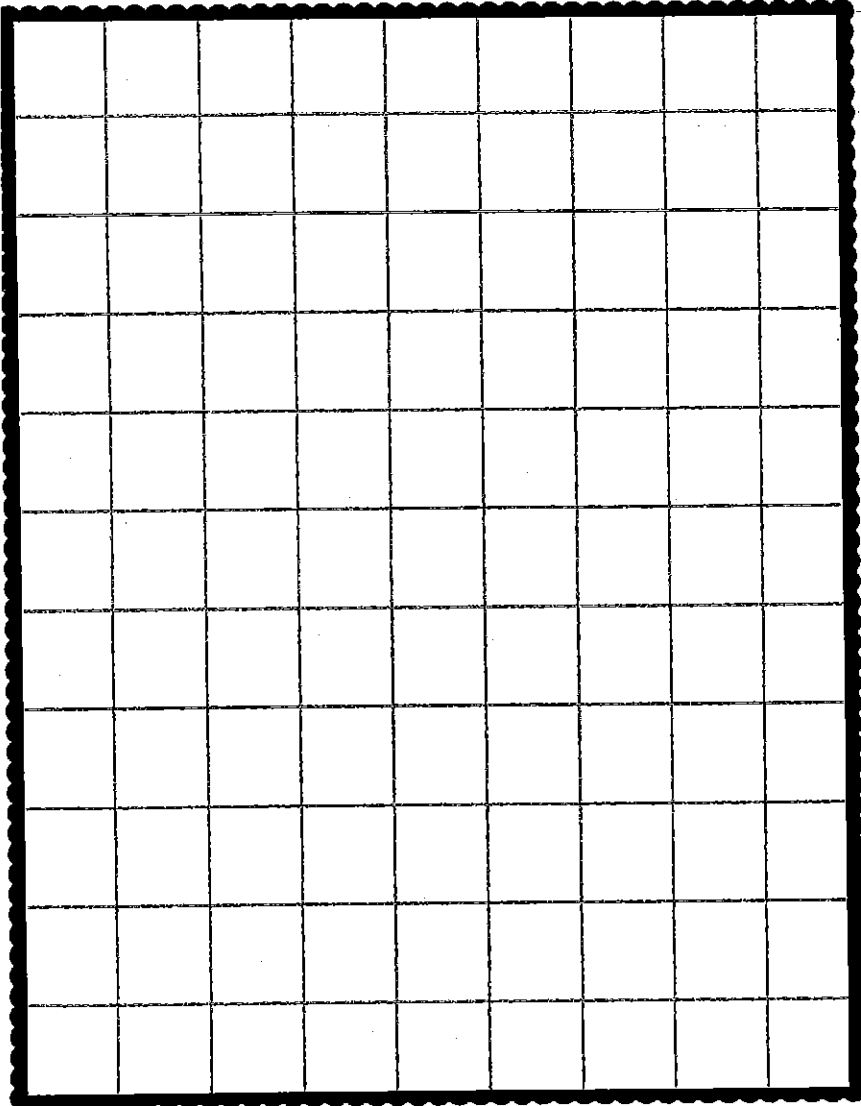


STRAW ROCKET

Maker Station Creation

Name: _____

Blueprint



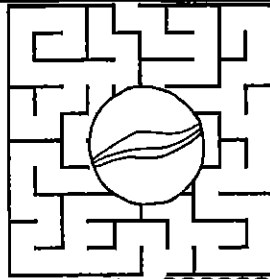
MATERIALS

Blank space for listing materials.

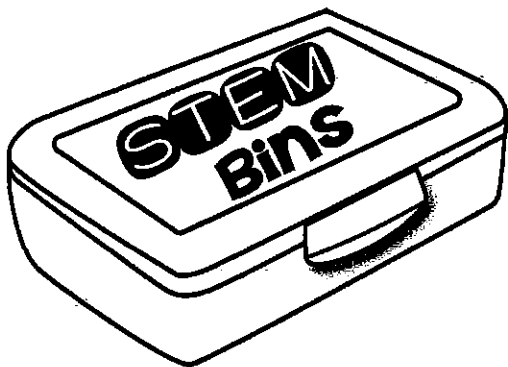
TEST	How far did it fly?
1	
2	
3	

MAKER STATION

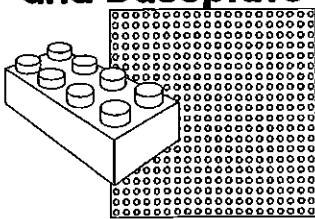
Make a marble maze.



MATERIAL OPTIONS



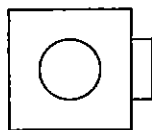
building bricks and baseplate



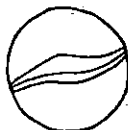
wooden planks



linking cubes



marbles

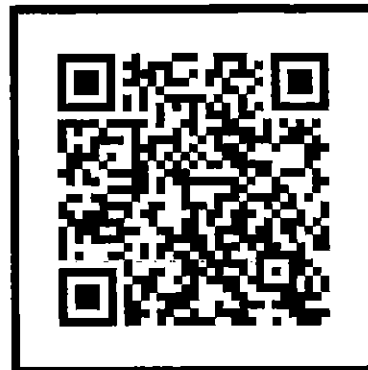


RESOURCES

BUILDING BRICK MAZE



MAZE MAKER

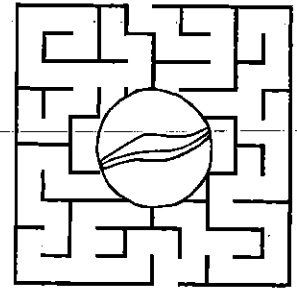
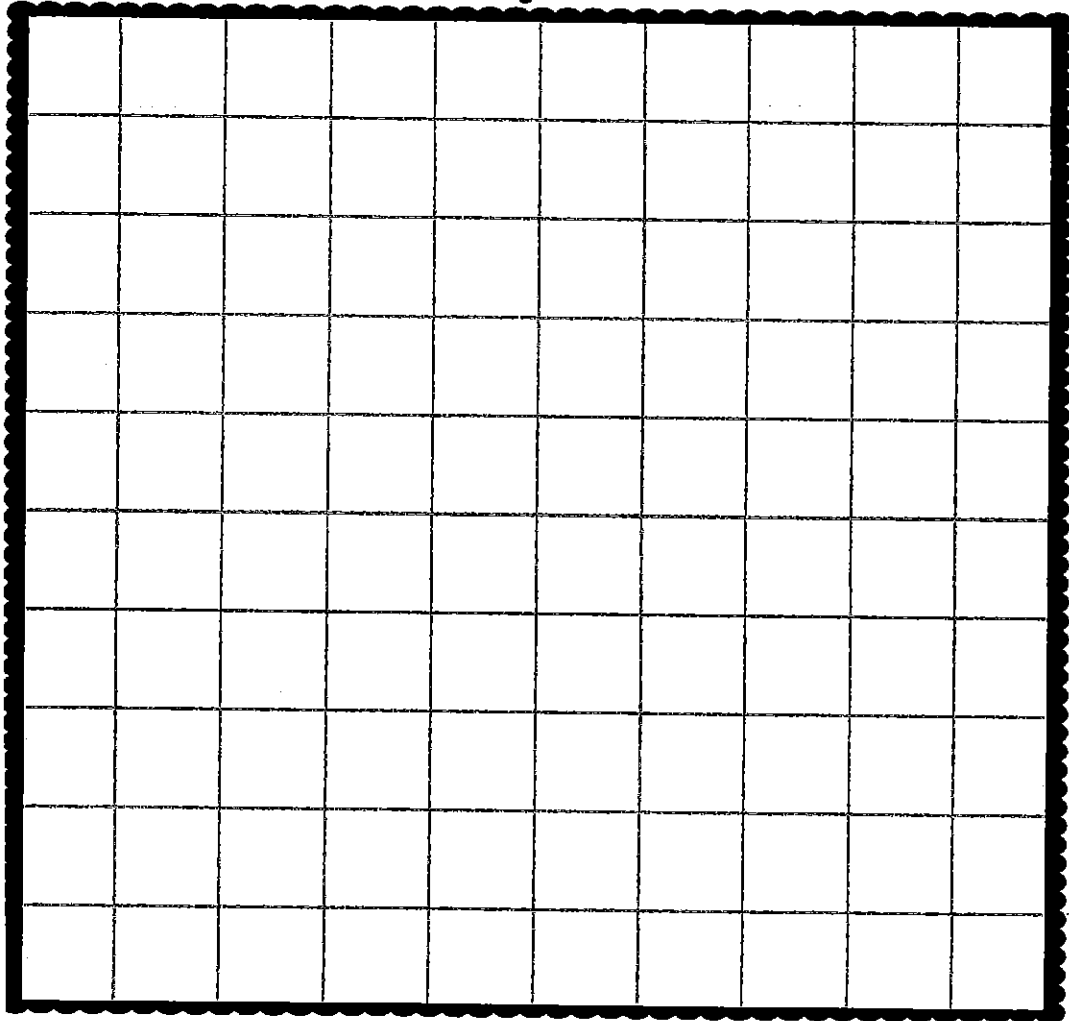


MARBLE MAZE

Maker Station Creation

Name: _____

Blueprint

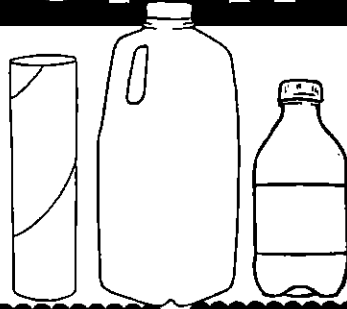


MATERIALS

OBSTACLES

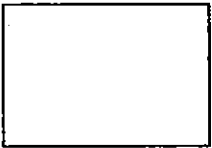
MAKER STATION

Make something
useful
out of trash.

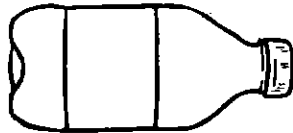


MATERIAL OPTIONS

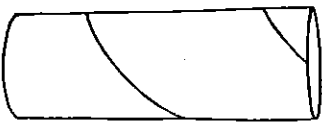
paper



plastic bottles



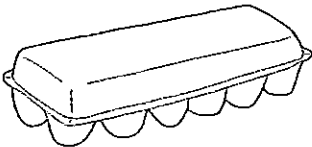
paper rolls



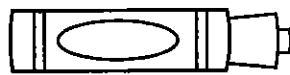
bottle caps



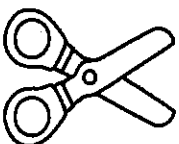
egg cartons



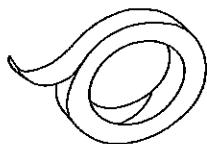
markers



scissors



tape



RESOURCES

PAPER ROLL CREATIONS

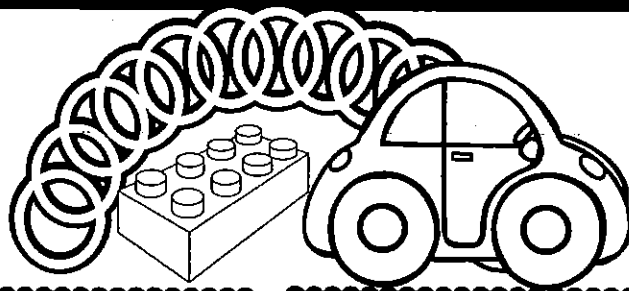


PLASTIC BOTTLE CREATIONS

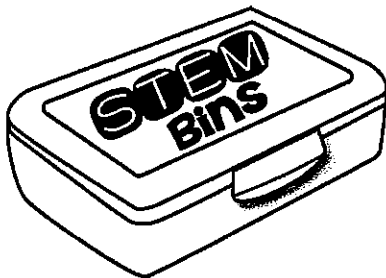


MAKER STATION

Make a toy.



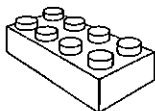
MATERIAL OPTIONS



magnetic blocks



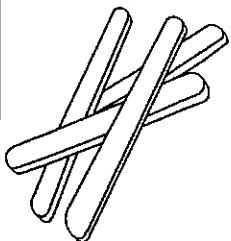
building bricks



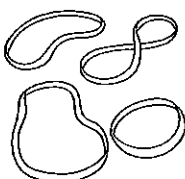
pipe cleaners



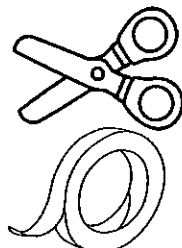
popsicle sticks



rubber bands



scissors and tape

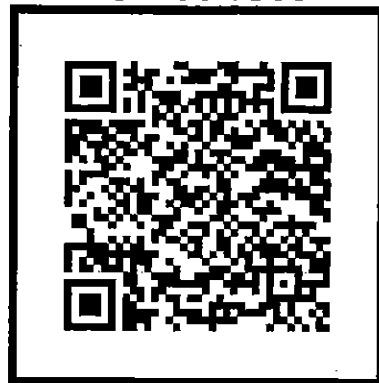


RESOURCES

DIY TOYS



TOP 100 TOYS

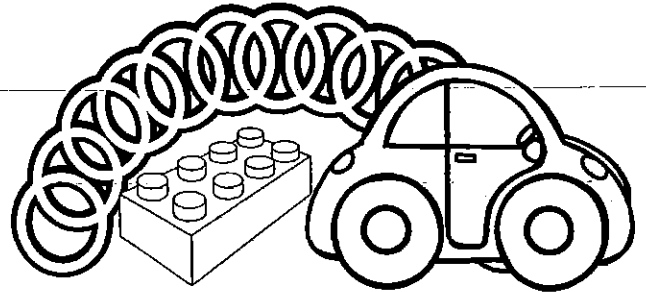
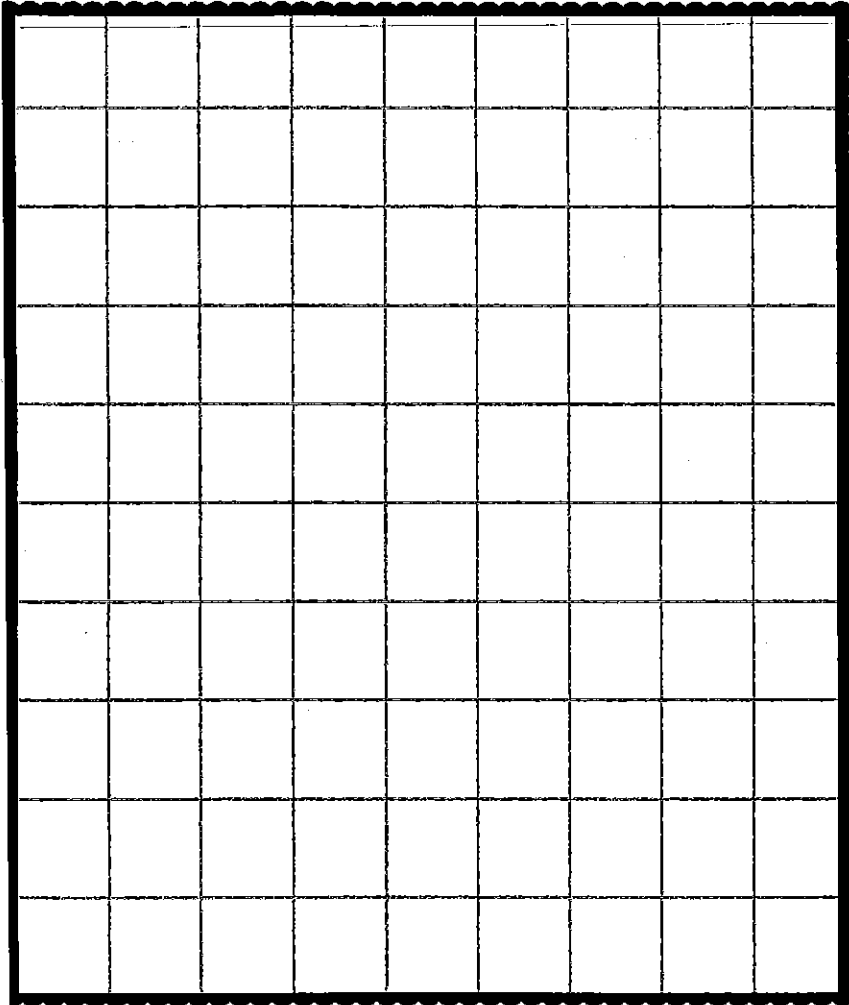


TOY

Maker Station Creation

Name: _____

Blueprint



MATERIALS

How does your toy work?