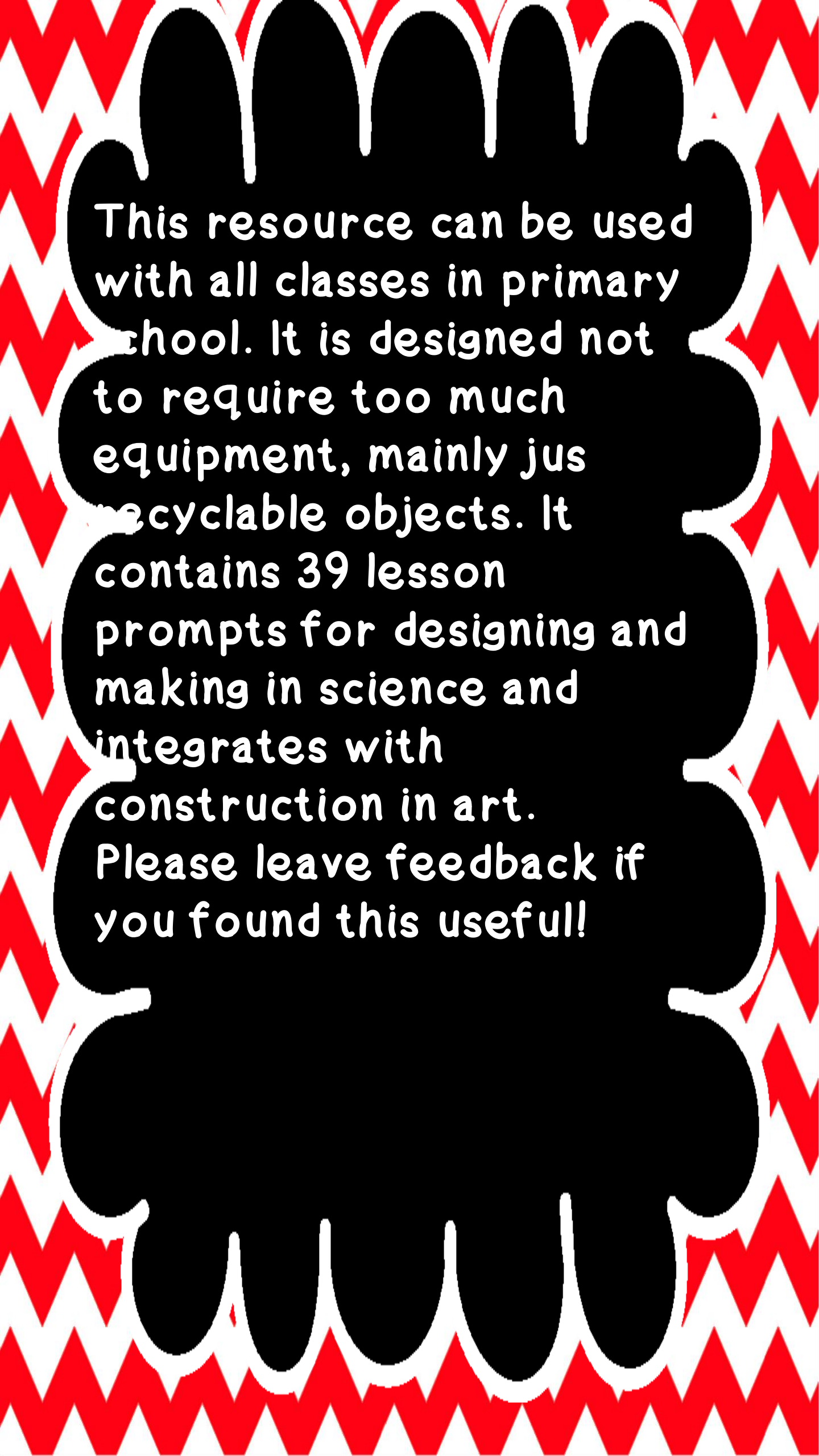





SESE:

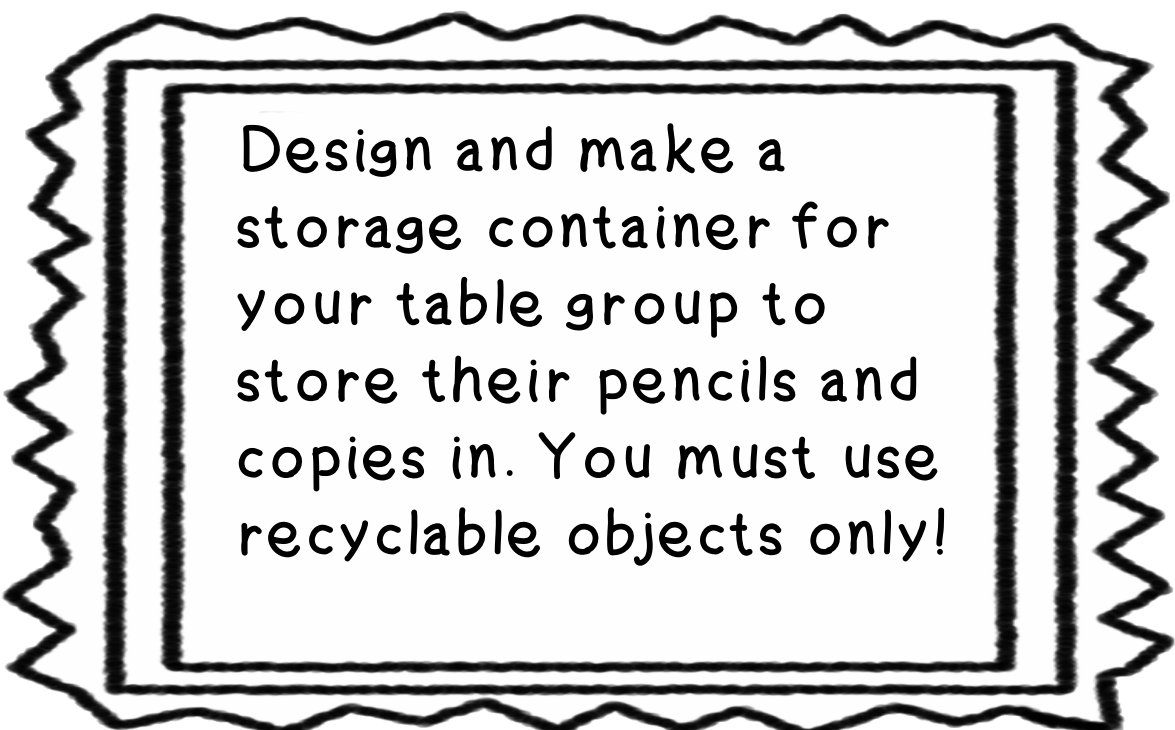
Design and Make  
in  
Science.



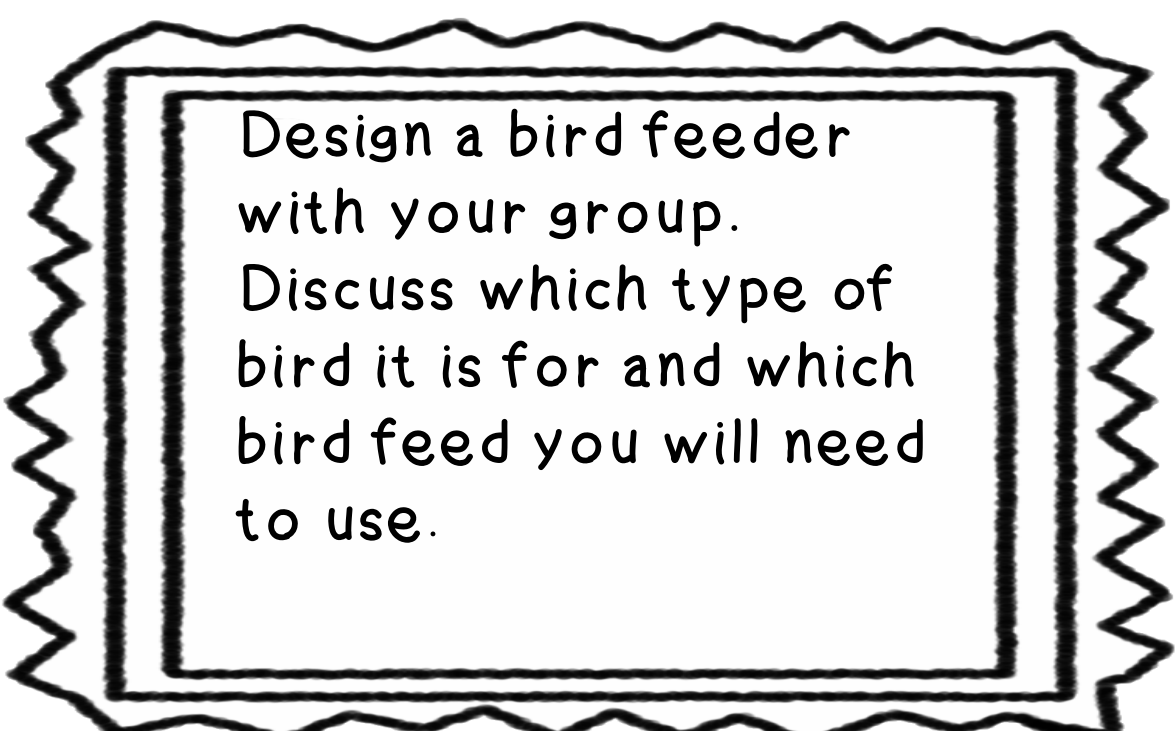
This resource can be used with all classes in primary school. It is designed not to require too much equipment, mainly just recyclable objects. It contains 39 lesson prompts for designing and making in science and integrates with construction in art. Please leave feedback if you found this useful!




Design a new playground for your school. Include man made and natural features.



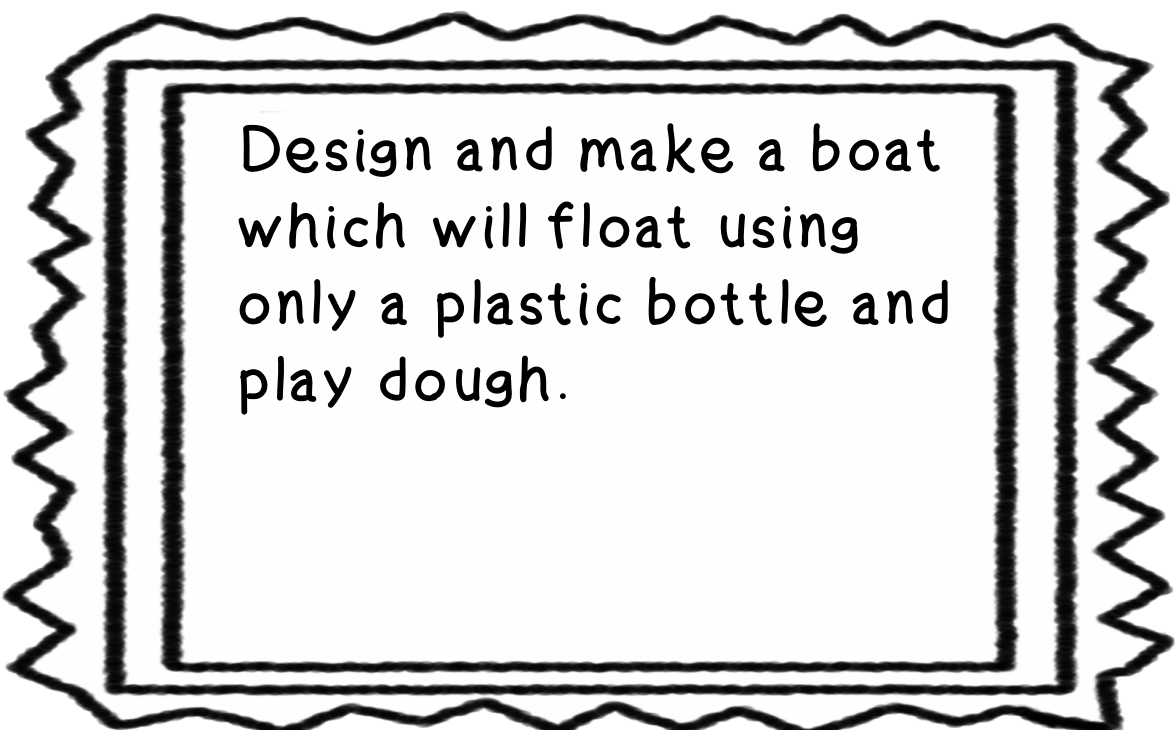
Design and make a storage container for your table group to store their pencils and copies in. You must use recyclable objects only!



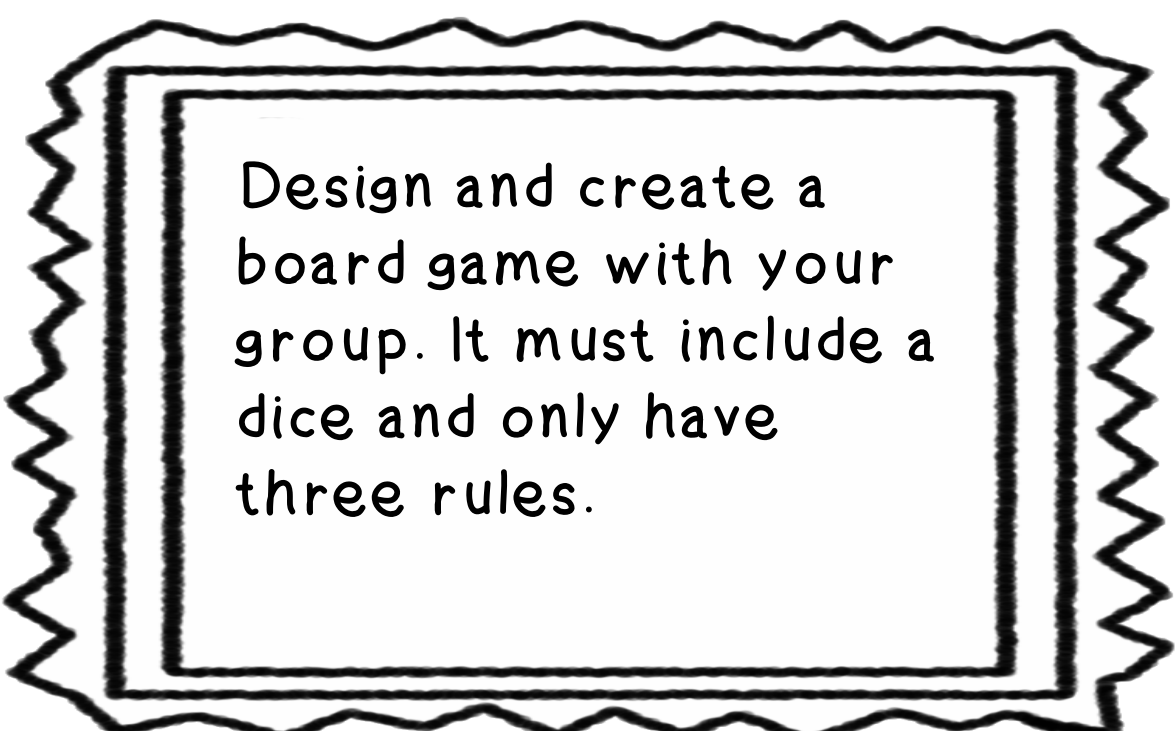
Design a bird feeder with your group. Discuss which type of bird it is for and which bird feed you will need to use.



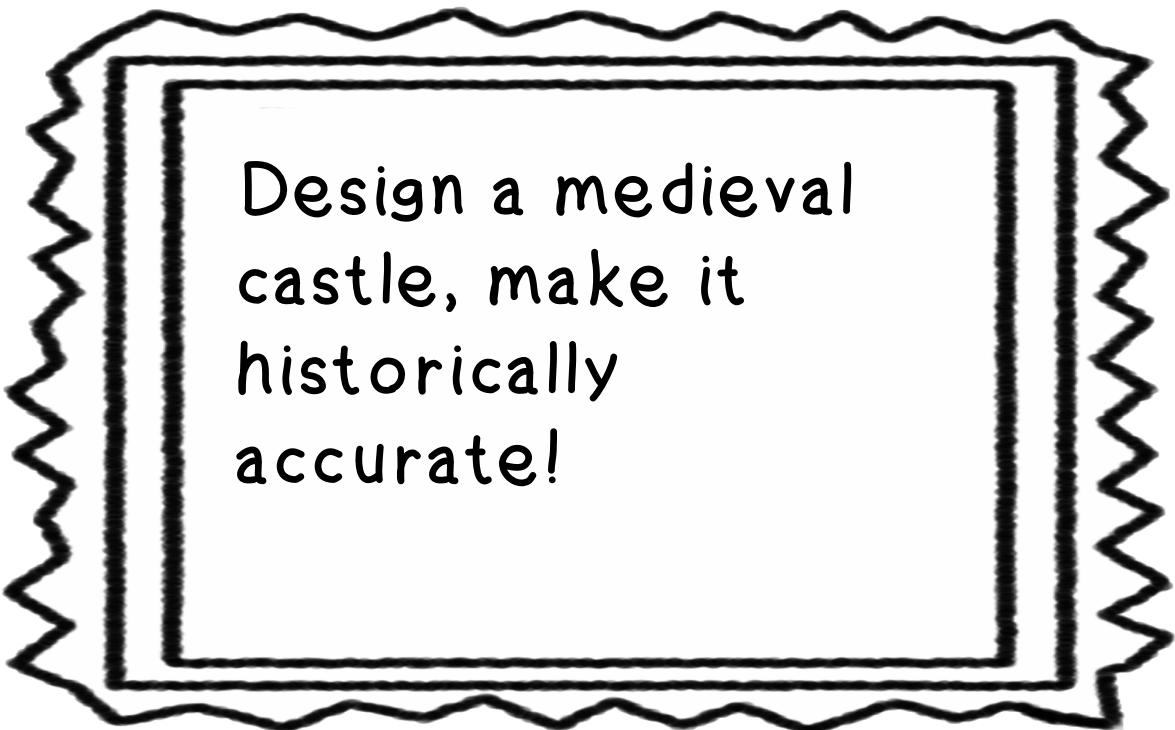
Design an outfit for a new baby to wear in winter. Use three types of materials.



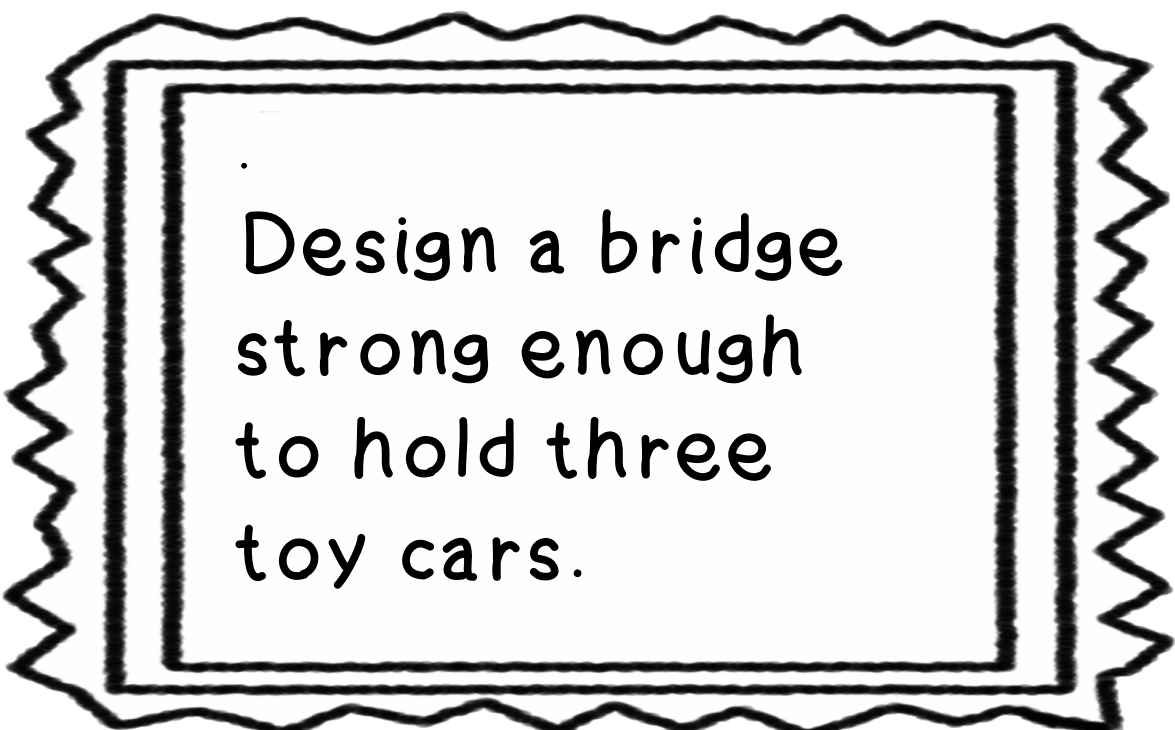
Design and make a boat which will float using only a plastic bottle and play dough.



Design and create a board game with your group. It must include a dice and only have three rules.



Design a medieval castle, make it historically accurate!



Design a bridge strong enough to hold three toy cars.



Design a model of an airport runway using Lego bricks.

Design a piece of furniture for a house which hasn't been invented yet.

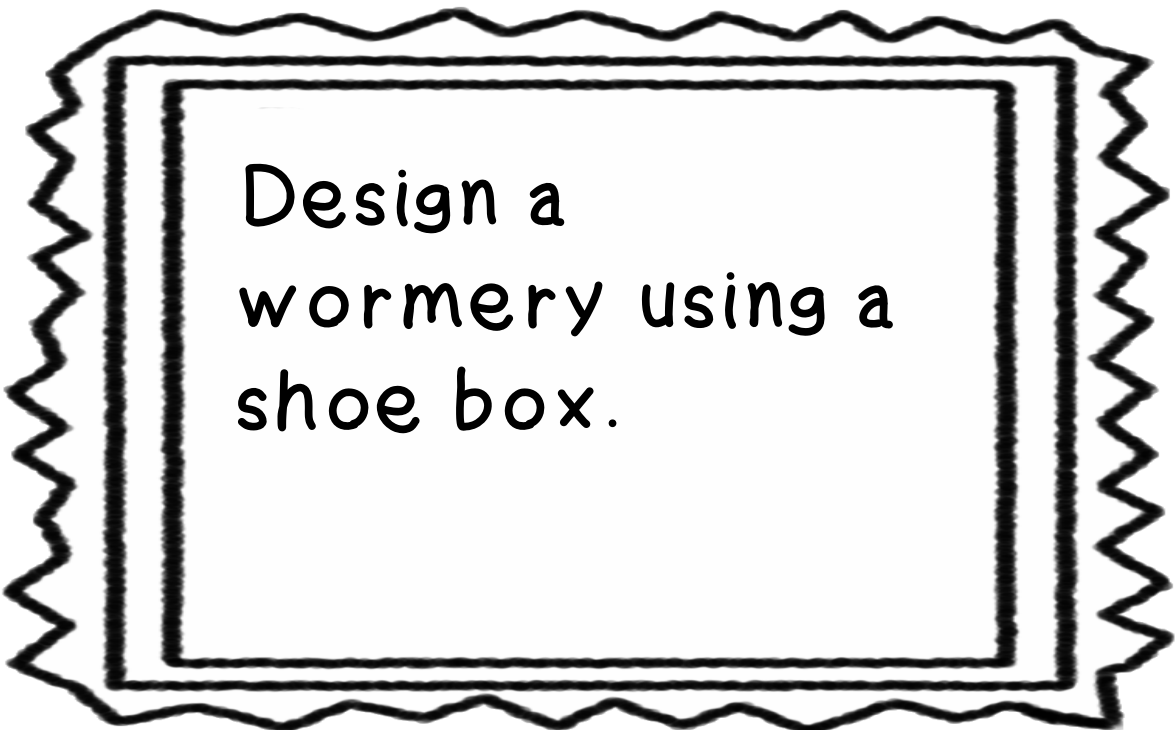
Create a bubble mixture using fairy liquid, water and a pipe cleaner. See which team blows the most bubbles!

Gather the following items and using a magnet, check if they are magnetic.  
Nail, key, can, spoon, ruler, rubber.

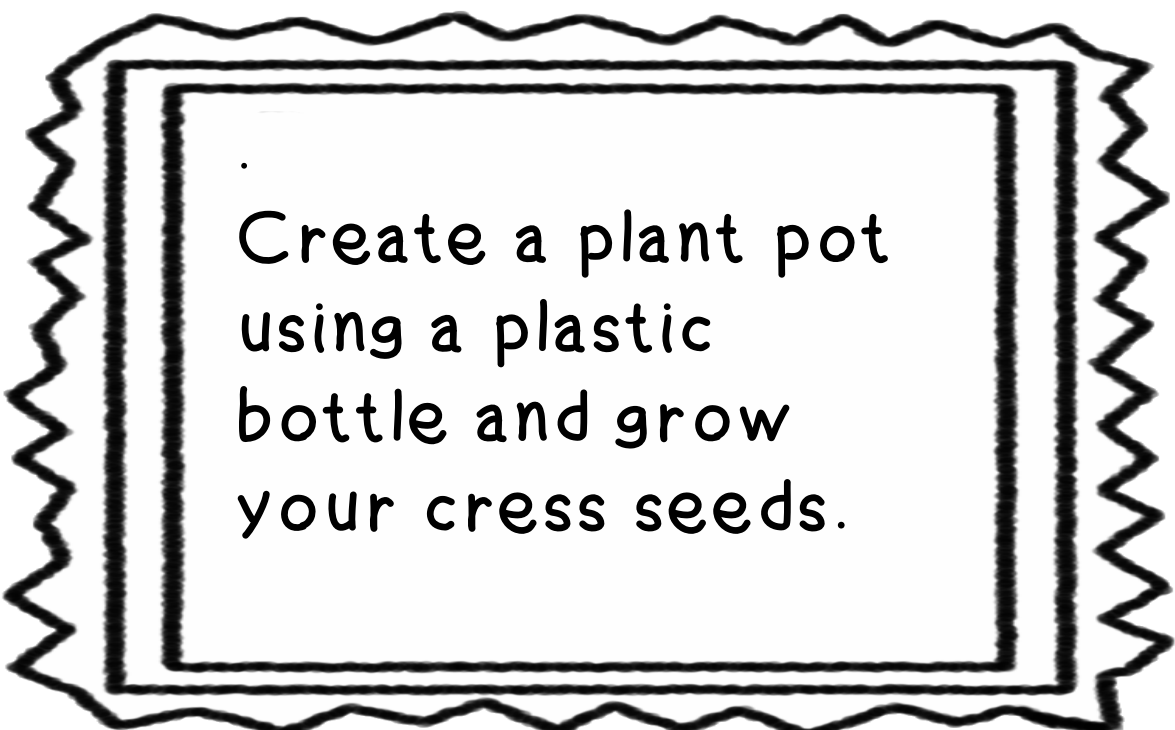
Pour water into two glasses, put salt into one glass and stir. Put an egg in the glass with no salt. What do you think will happen when you put the egg in the salt water?

Make a telephone using plastic cups, string, paper clips and a pencil!

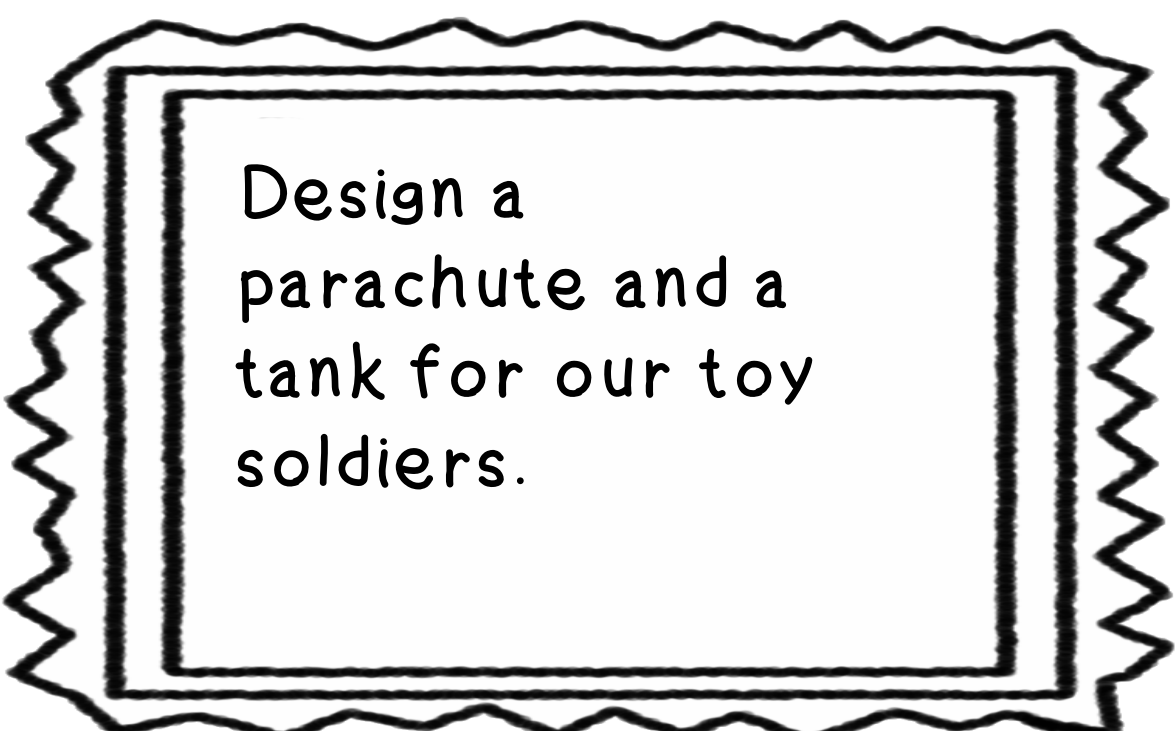
Design and make a model volcano using bread soda, vinegar, food dye and clay.



Design a  
wormery using a  
shoe box.

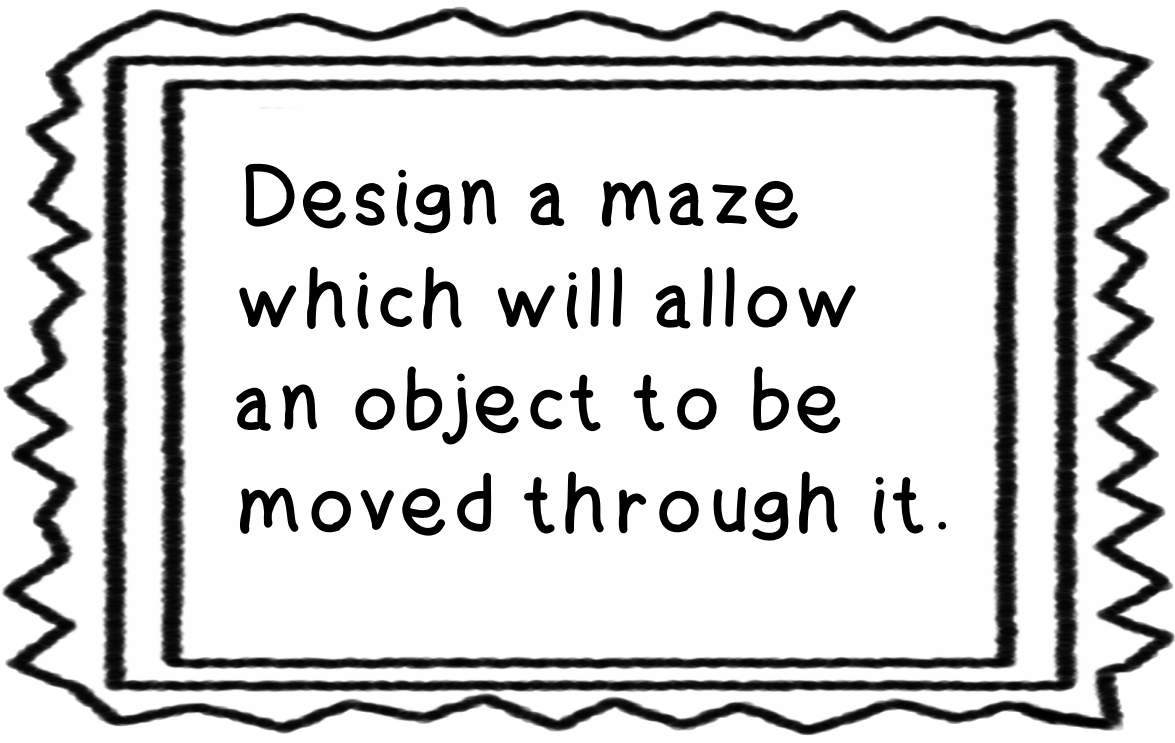


Create a plant pot  
using a plastic  
bottle and grow  
your cress seeds.

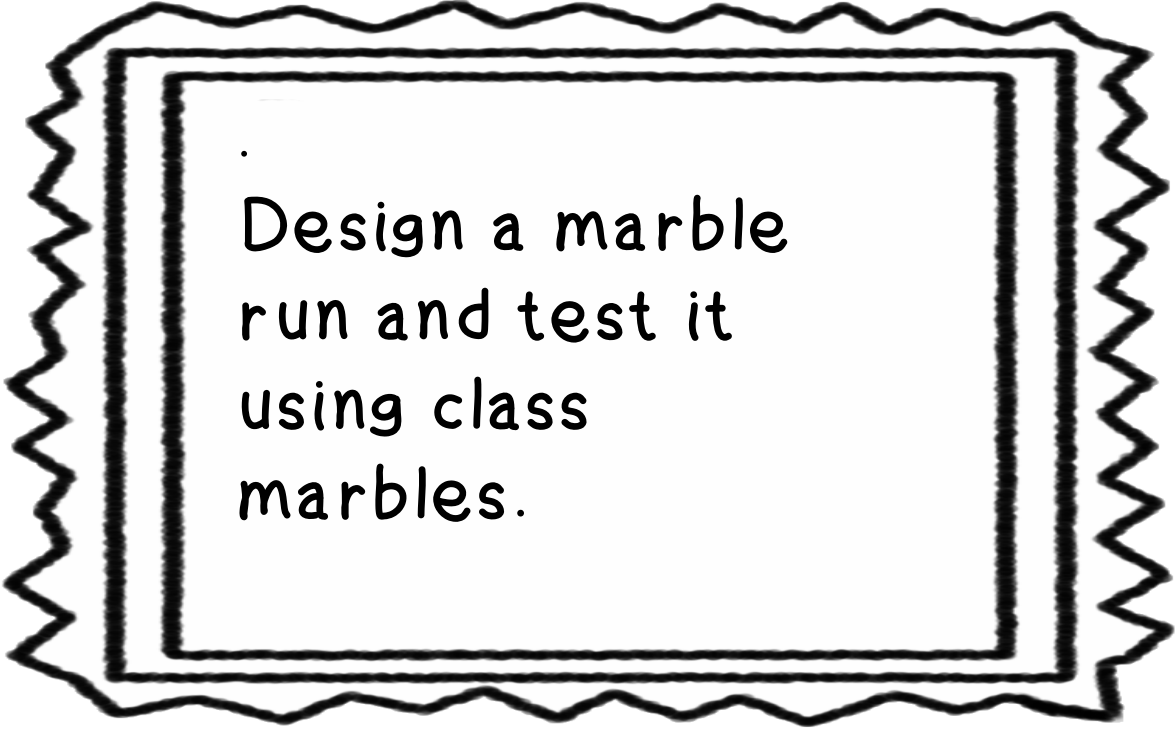


Design a  
parachute and a  
tank for our toy  
soldiers.

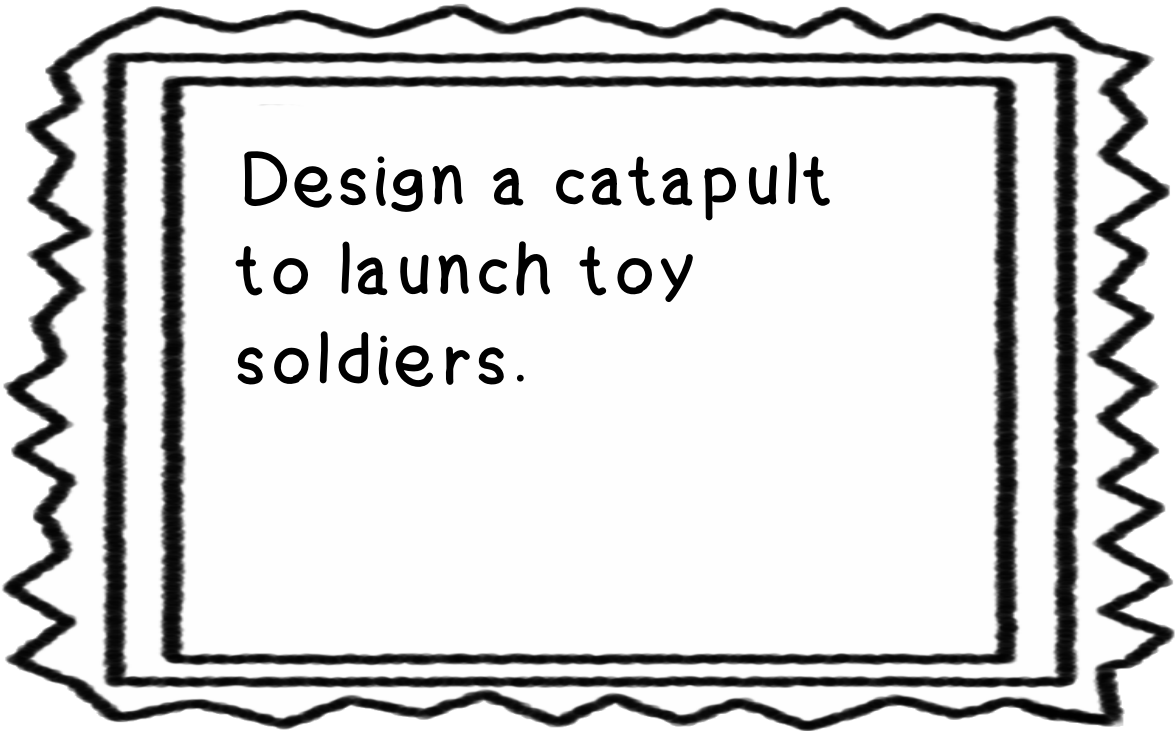




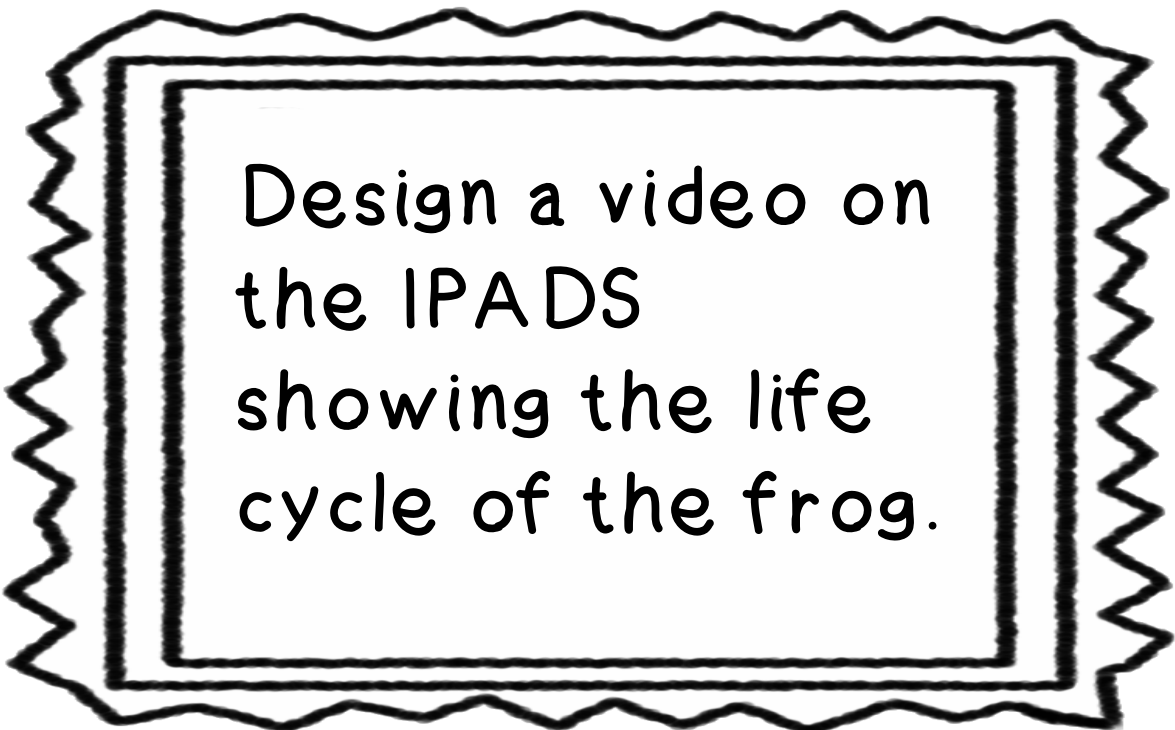
Design a maze  
which will allow  
an object to be  
moved through it.



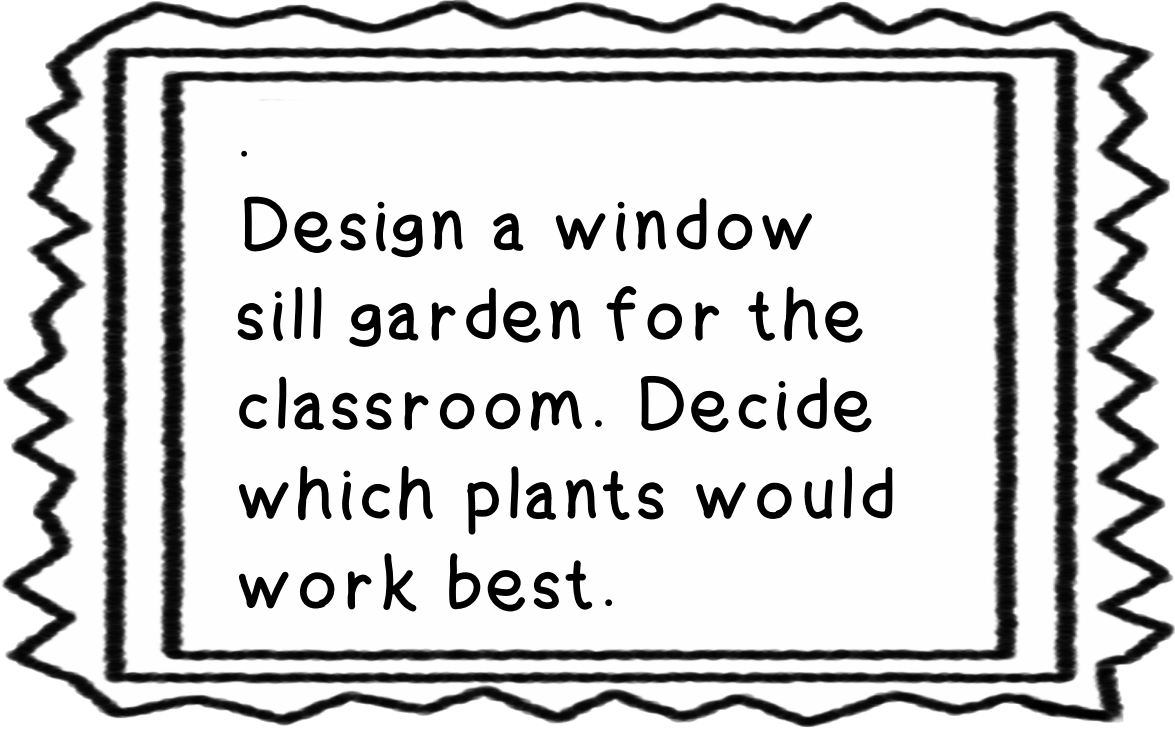
Design a marble  
run and test it  
using class  
marbles.



Design a catapult  
to launch toy  
soldiers.



Design a video on  
the IPADS  
showing the life  
cycle of the frog.



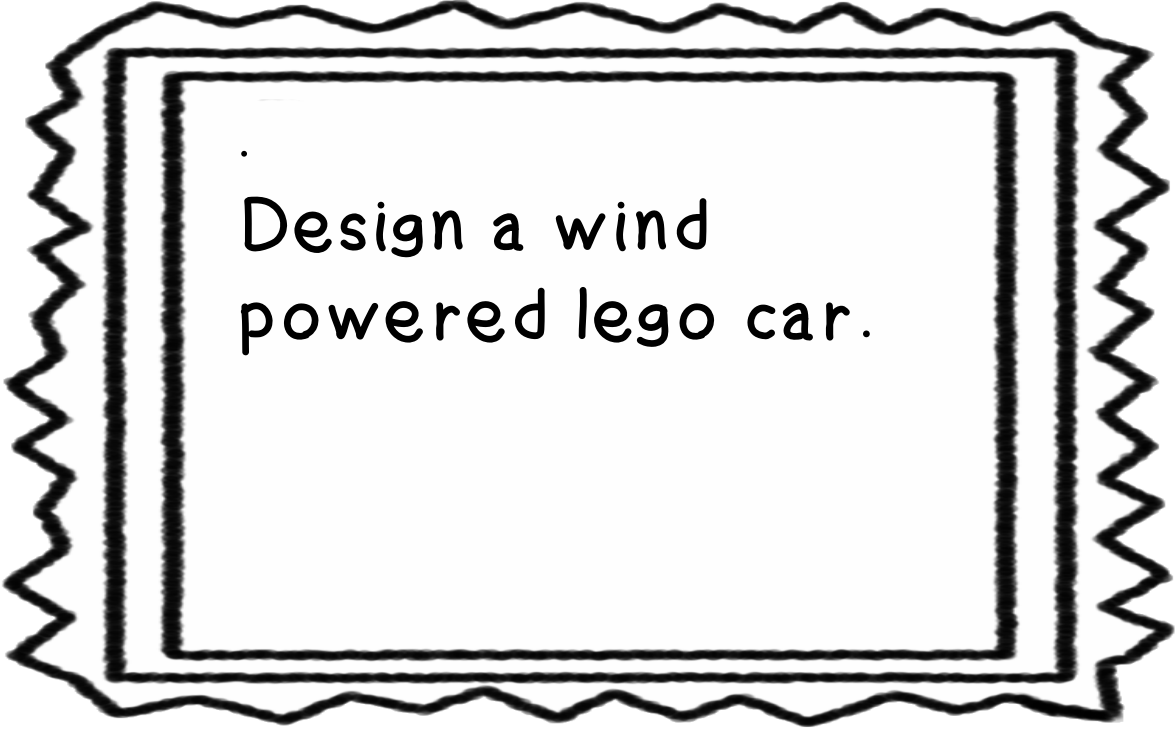
Design a window  
sill garden for the  
classroom. Decide  
which plants would  
work best.



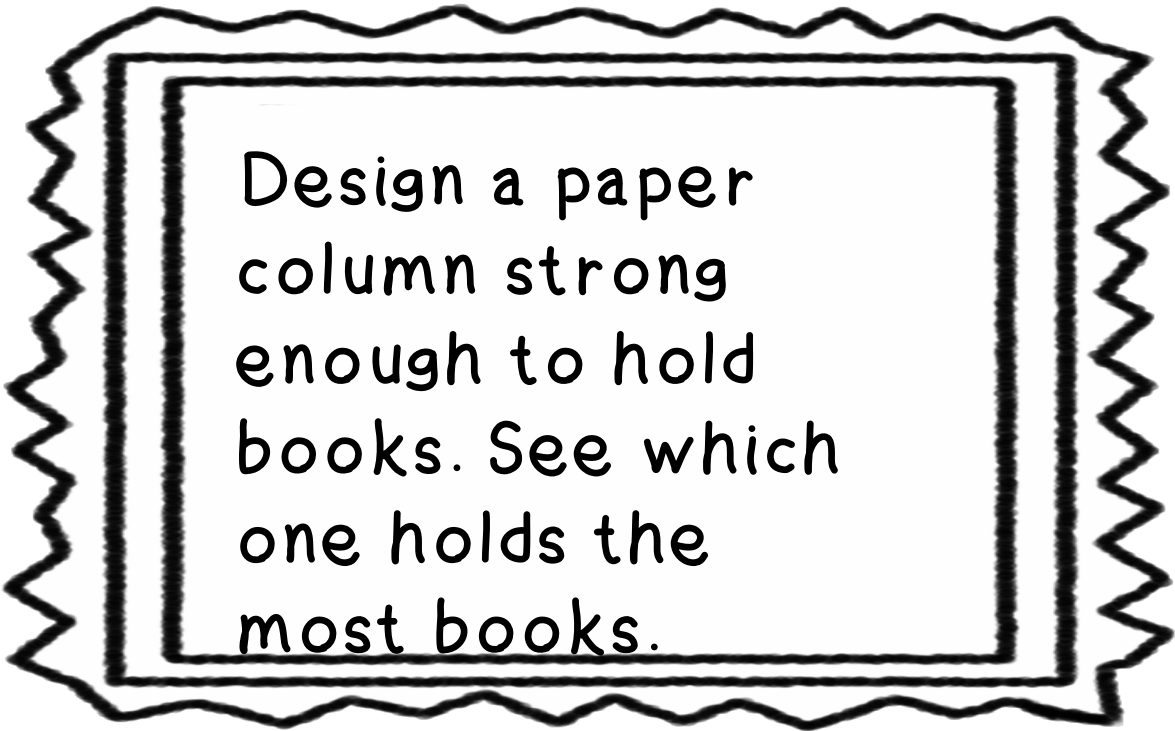
Design a new toy  
for the  
playground.



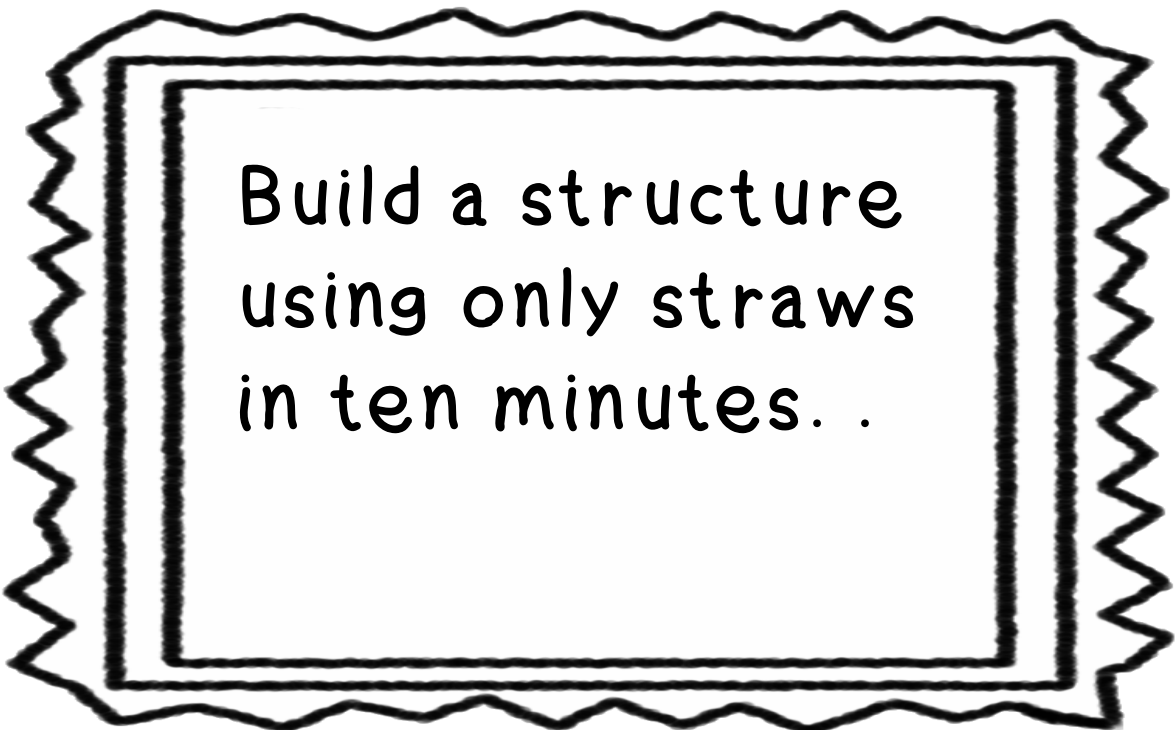
Design a floatation device for a toy soldier.




Design a wind powered lego car.



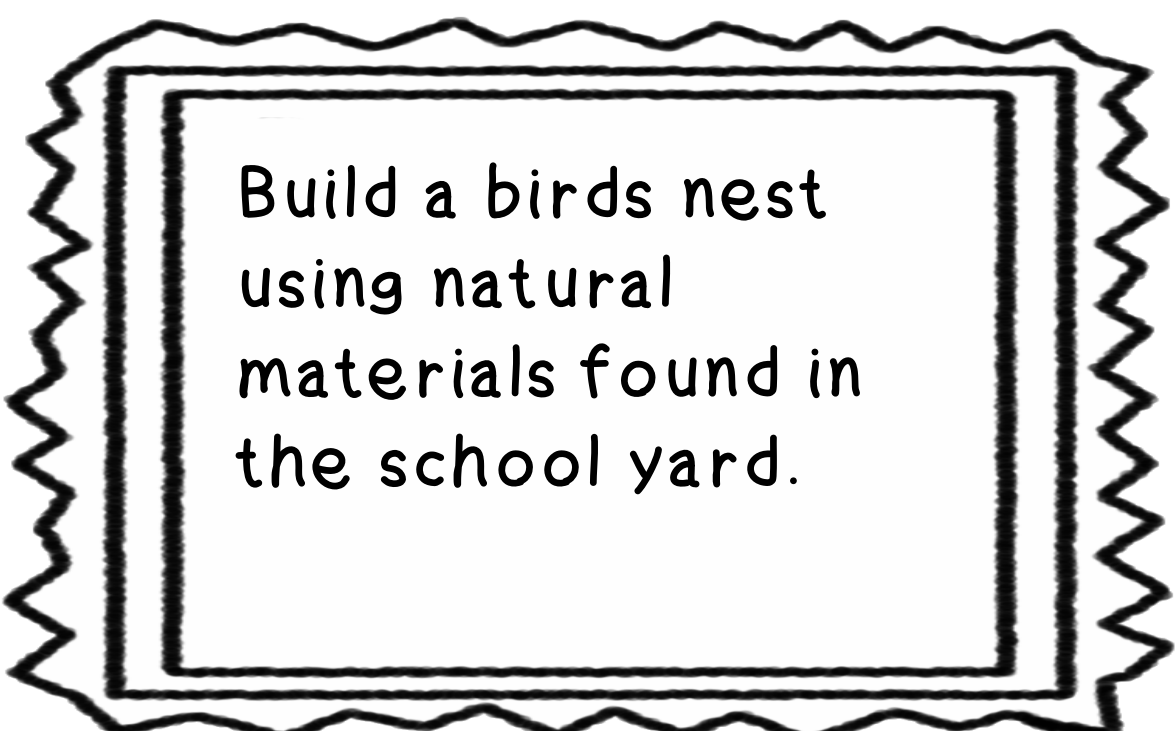
Design a paper column strong enough to hold books. See which one holds the most books.



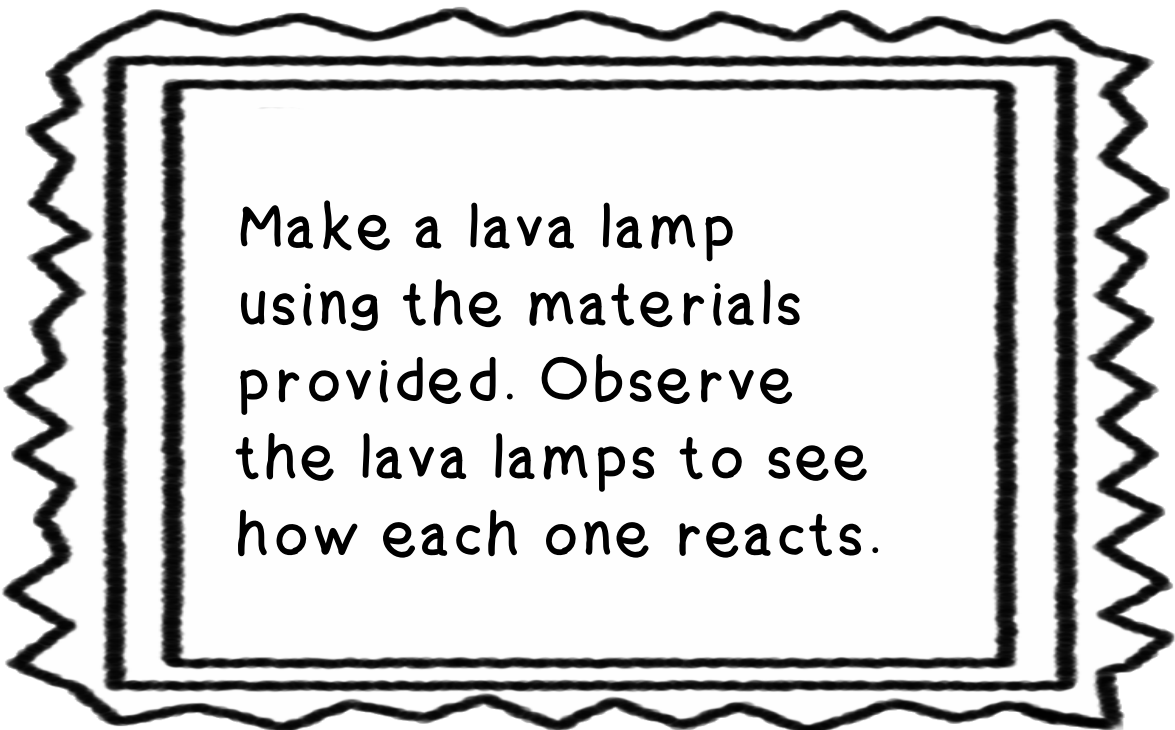
Build a structure  
using only straws  
in ten minutes. .




Design a sleigh for  
Santa using the  
materials  
provided.



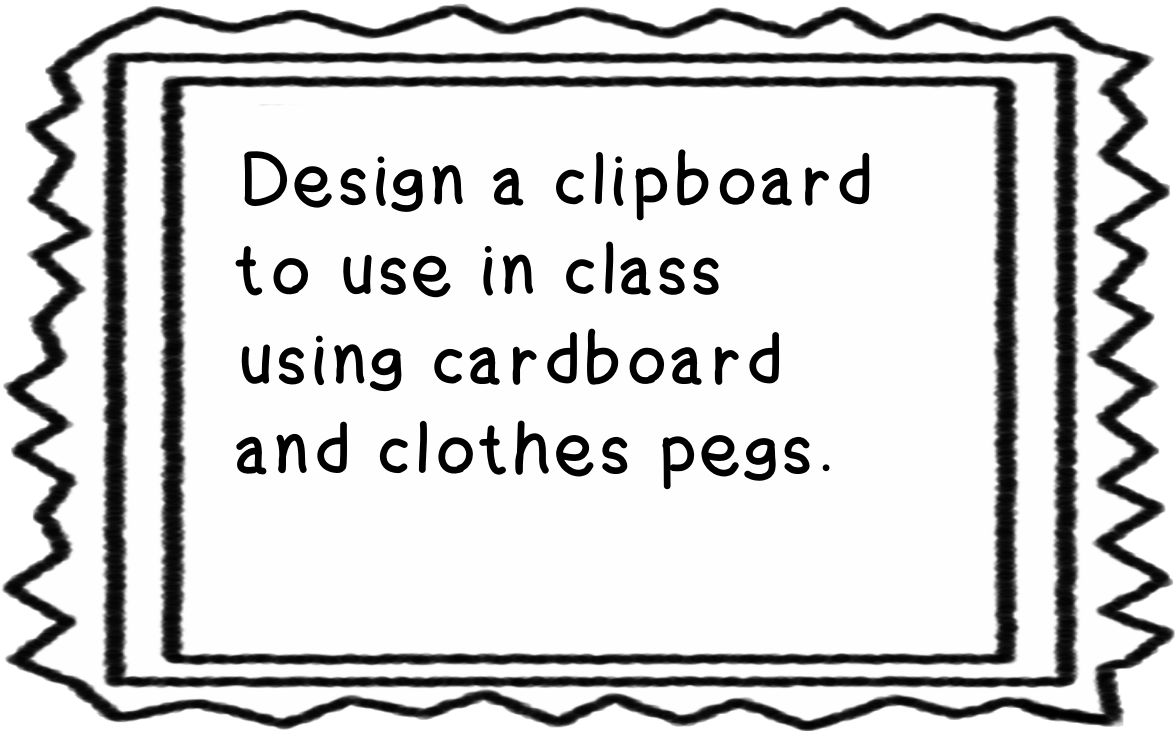
Build a birds nest  
using natural  
materials found in  
the school yard.




Make a lava lamp  
using the materials  
provided. Observe  
the lava lamps to see  
how each one reacts.



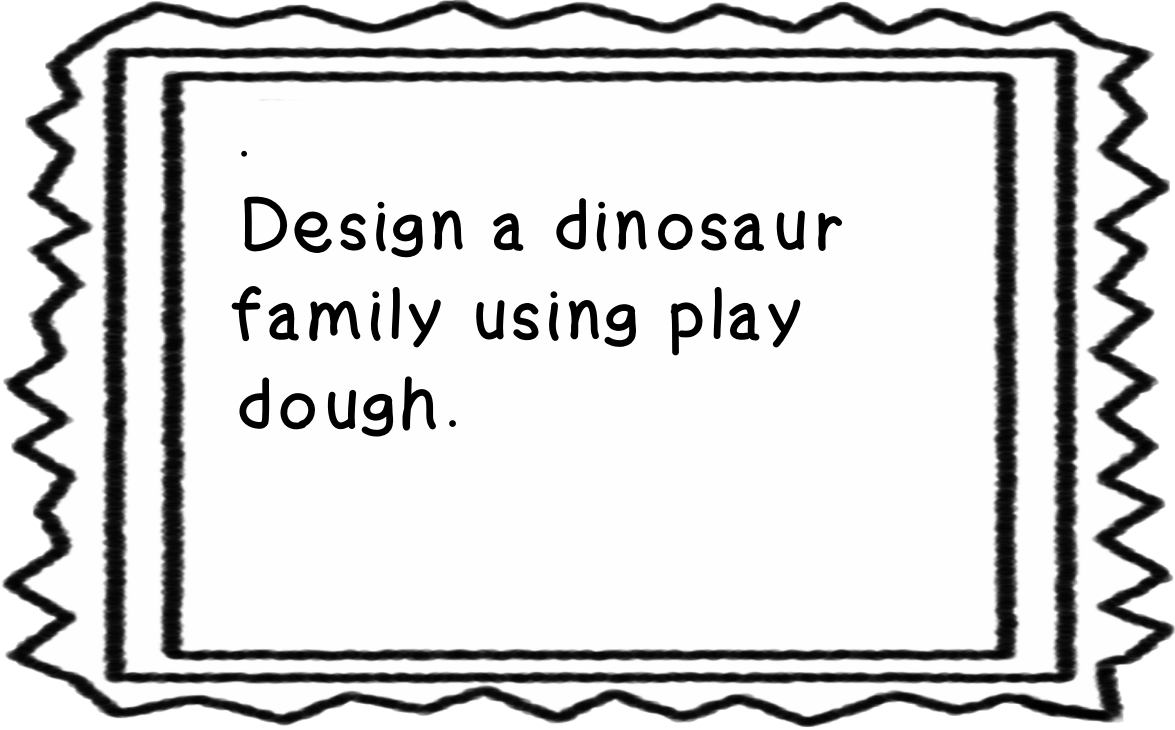
Design a new  
waterproof school  
uniform.



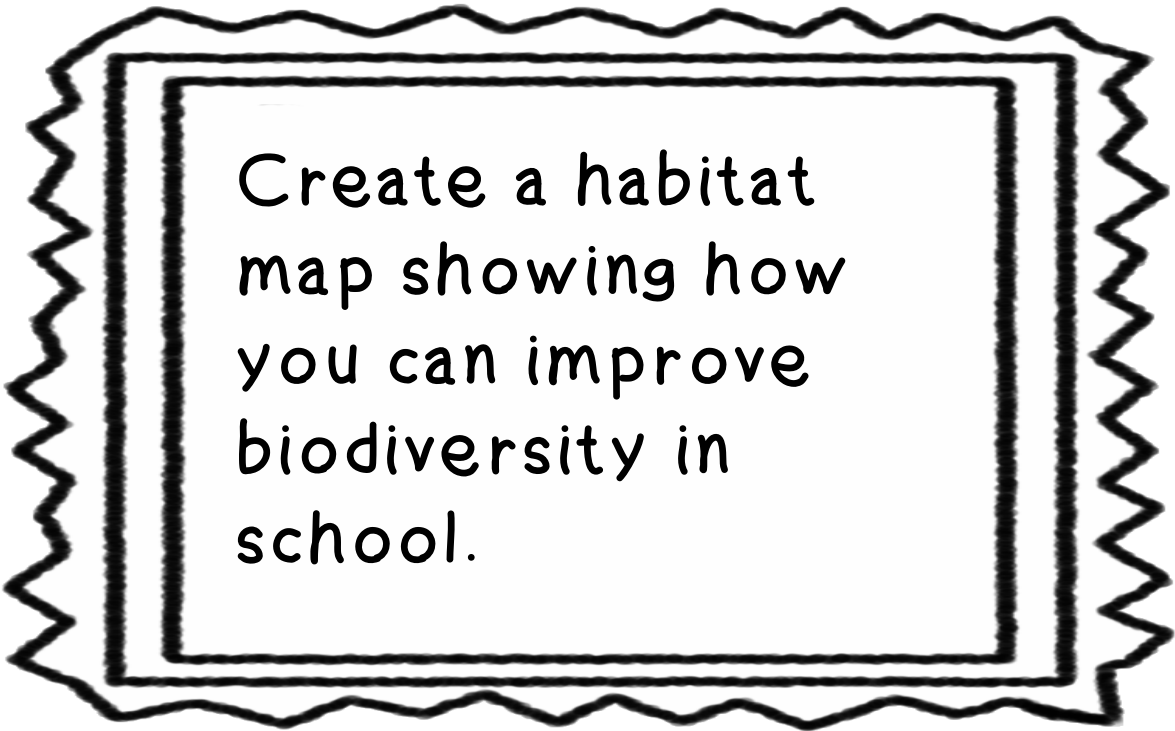
Design a clipboard  
to use in class  
using cardboard  
and clothes pegs.



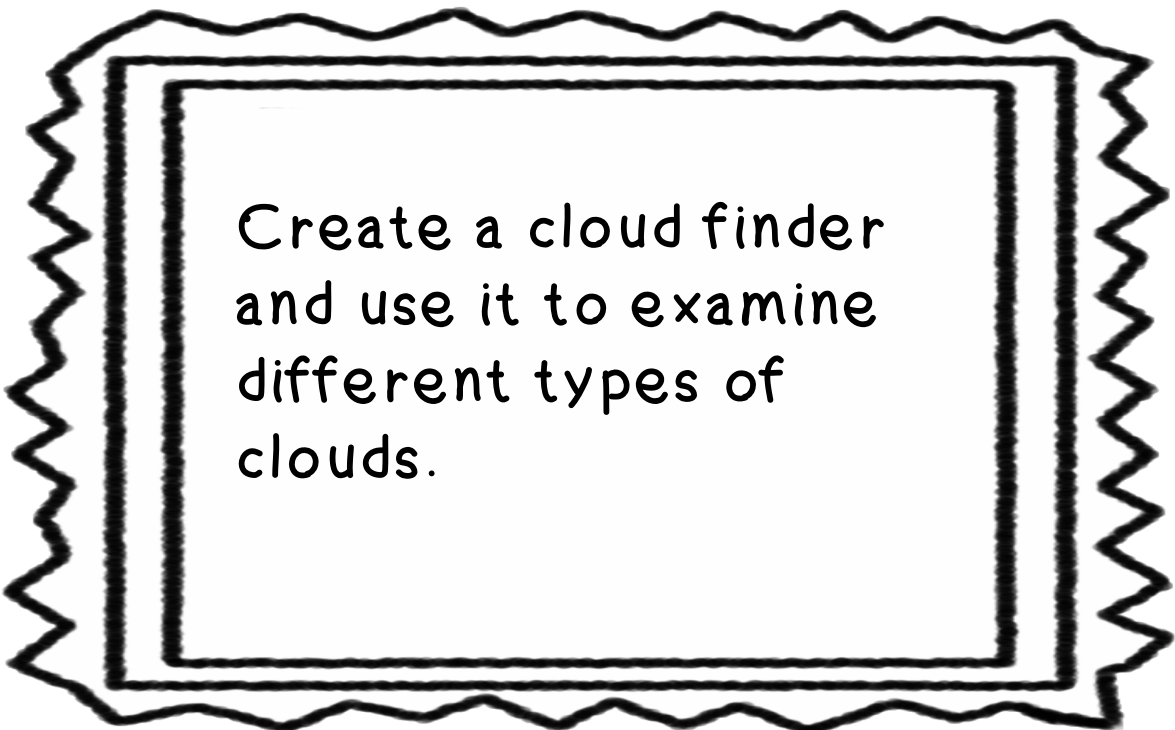
Design your own  
whiteboard using  
paper and a dvd case.  
Decorate as you  
please!



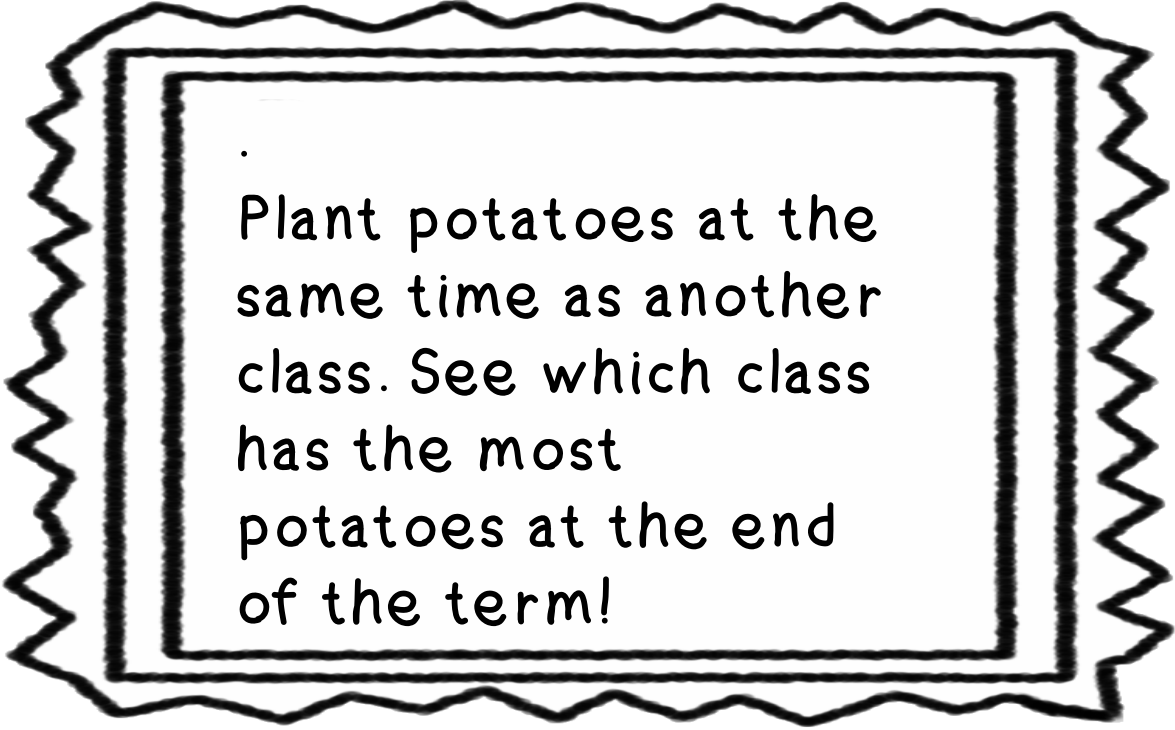
Design a dinosaur  
family using play  
dough.



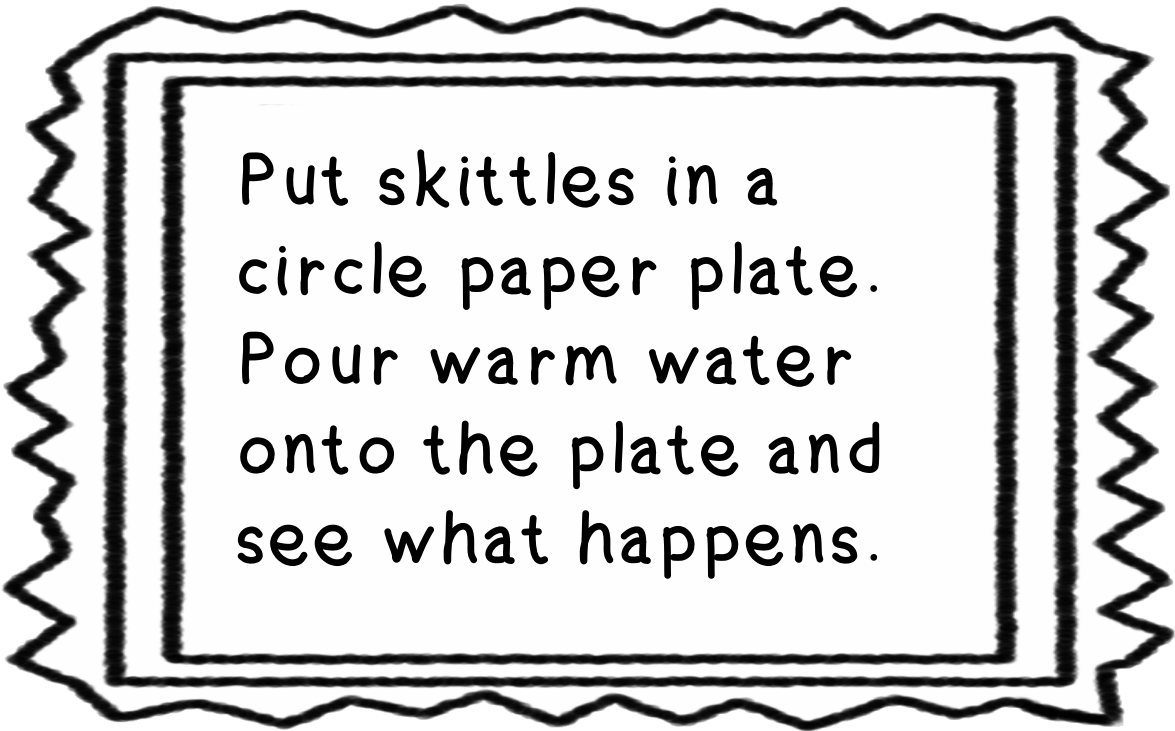
Create a habitat  
map showing how  
you can improve  
biodiversity in  
school.



Create a cloud finder  
and use it to examine  
different types of  
clouds.



Plant potatoes at the  
same time as another  
class. See which class  
has the most  
potatoes at the end  
of the term!



Put skittles in a  
circle paper plate.  
Pour warm water  
onto the plate and  
see what happens.