

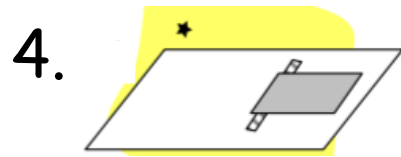
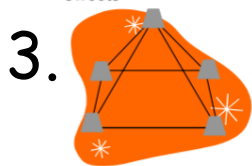
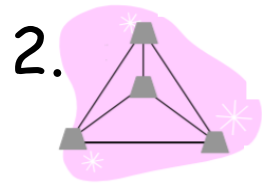
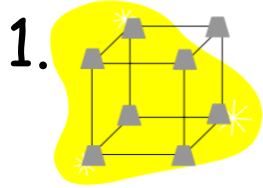
Roman Catapults



By

STRUCTURE STRENGTH AND STABILITY

Have a look at the structures below and think about which one looks like it would be the best structure to use for a catapult.



Things to consider:

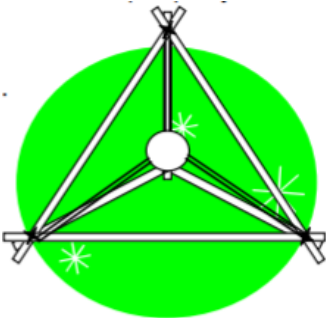
Which structure will be the most stable?

What might happen if you build them really big?

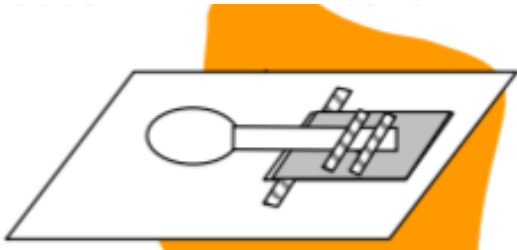
Is a tall structure better with a large or small base?

I think that

CATAPULT DESIGN



Pyramid Catapult



Lever Catapult

I have chosen to make a _____ catapult because

I will need to use the following materials (see next page for details):

EQUIPMENT LIST

PYRAMID CATAPULT

6 equal lengths of thin wood or sticks

A plastic cup

9 elastic bands

Pencil

Blu tac

3 marshmallows - for testing!

LEVER CATAPULT

Cardboard

Pencil

Blu tac

Thick elastic band

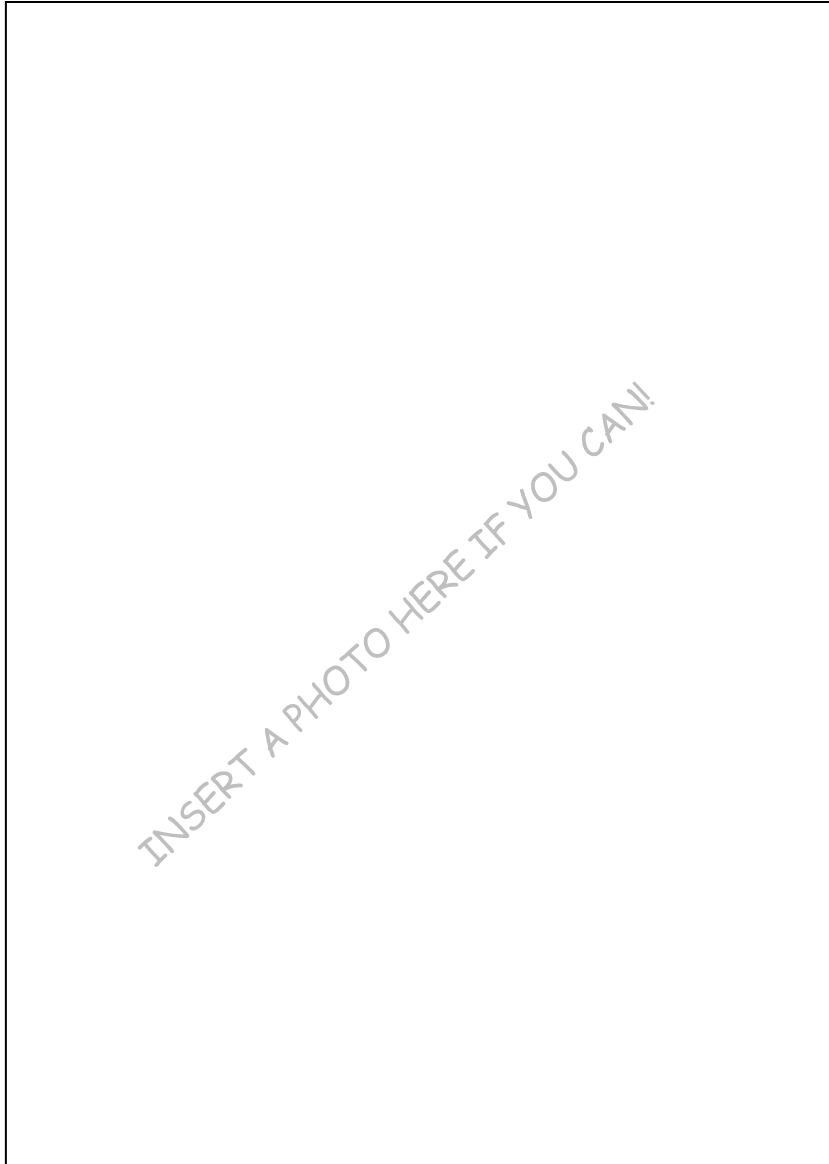
Plastic spoon

Masking tape

Scissors

3 marshmallows - for testing!

FINAL CATAPULT



How did you make your catapult?

What did you find easy?

What did you find tricky?

CATAPULT TESTING

Shot Number	Distance Travelled
1	
2	
3	

What w

If you were to make your catapult again, what would you change and why?
