



# D.T. Building and creating your Robot

7.5.20

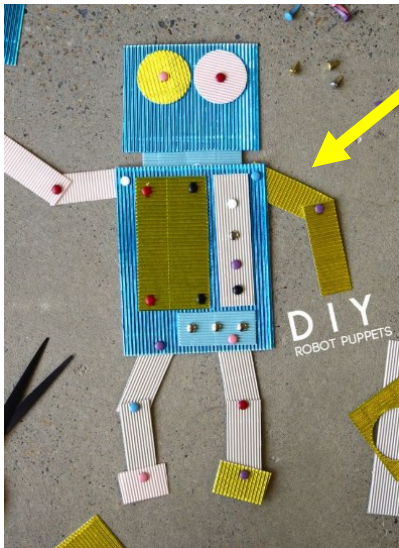
Finding ways to make your robot **move**, what will you use...string, wheels, elastic bands ?



*This week in your Design and Technology learning, you will be creating the Robot you designed in week 1. You will need to think about the shapes and materials that will work best with your design e.g. if you have designed a circular body, what will you use to create a circle shape? You need to think of one part of the Robots body that will move, look at the pictures below for some inspiration.*

## Inspiration...

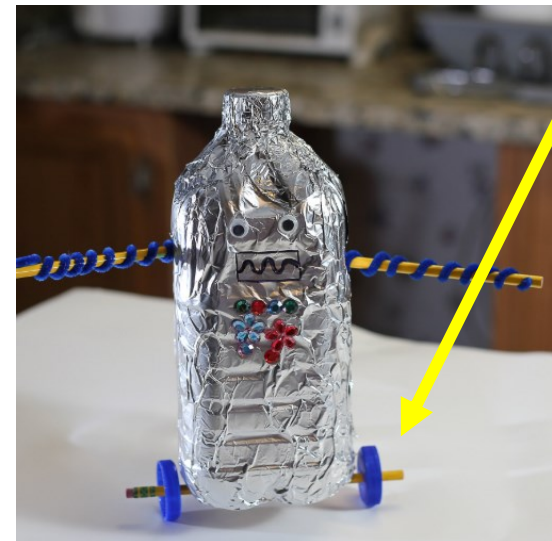
**Split pins move the arms and legs**



**String moves the arms and body up and down**



**Bottles lids and a stick make an axel as wheels**



## Finding ways to make your robot **move**, what will you use...string, wheels, elastic bands ?

Design it, plan resources, find resources, build it



1. Think about the materials you will need?
2. Decide which part of your robot will be the moving part
3. Plan how you will make it move, string, elastic bands, wheels, cardboard switches
4. Collect your resources including glue, scissors, tape, pencils, pens
5. Begin to create your Robot
6. Add your moving part



Now you have completed your Robot and it is fully functioning, you need to imagine you are selling it to the best toy shop in London. Can you ask someone in your family to help you record a short advertising video, you need to introduce your Robot and explain and demonstrate how it moves. Why should people buy your robot?

