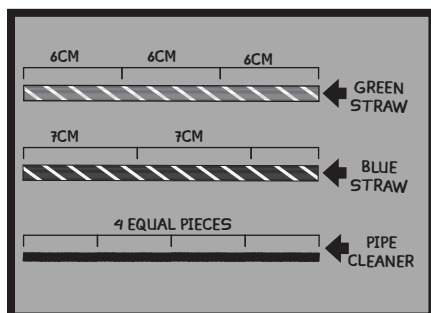
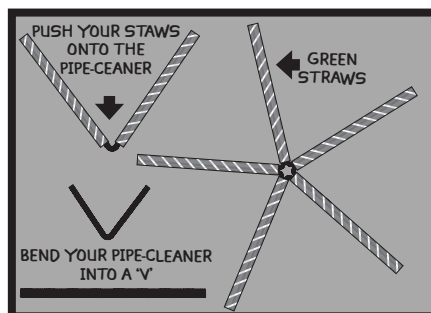


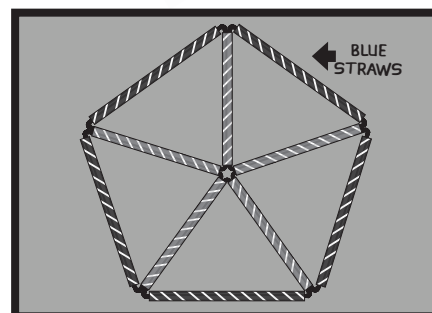
INSTRUCTIONS



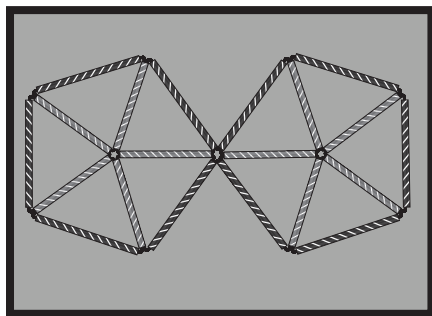
Take 10 green straws and cut each straw into three 6cm pieces.
Take 18 blue straws and cut each straw into two 7cm pieces.
Take 32 green pipe-cleaners and cut each pipe-cleaner into four equal pieces.
Put all your pieces into separate containers.



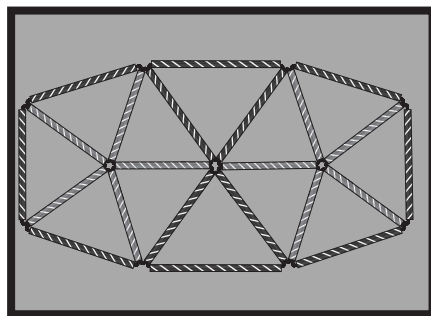
Make a 'V' shape with two green straws bend a pipe-cleaner in half and connect the 'V' shape at the pointed end.
Keep adding green straws in the same way until you have a five-sided star.



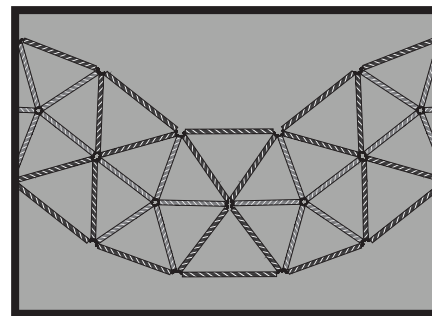
Connect the points of the green stars by using the blue straws using two bent pipe-cleaners at each point. You should now have a pentagon shape. Make six of these pentagons.



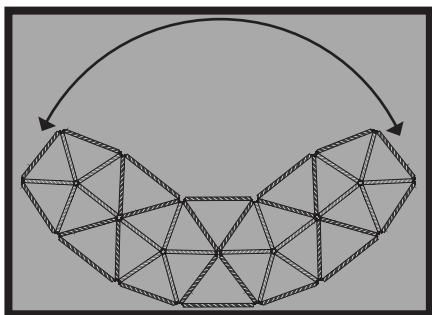
Connect two pentagons together at one point using two pipe-cleaners.



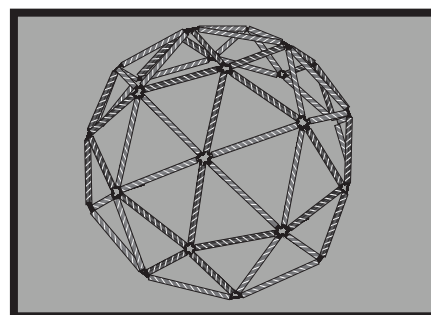
Connect the gap between the pentagons with two blue straws.



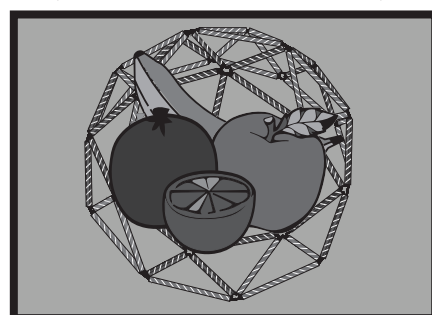
Connect the other three pentagons to these two pentagons. The five pentagons will start to form a curve. Connect the two end points together in a circle shape.



Add a blue straw at the bottom of the dome to close the gap between the two pentagons you have just joined together.



You should have one pentagon left over which will fit in the gap of the dome. Remove the blue straws - leaving the pipe-cleaners sticking out - use these pipe-cleaners to connect the last pentagon to the dome.



Decide what you would like your dome to be. It could be an igloo, a fruit bowl or just a fun shape! Use coloured card to draw objects to fill your dome.

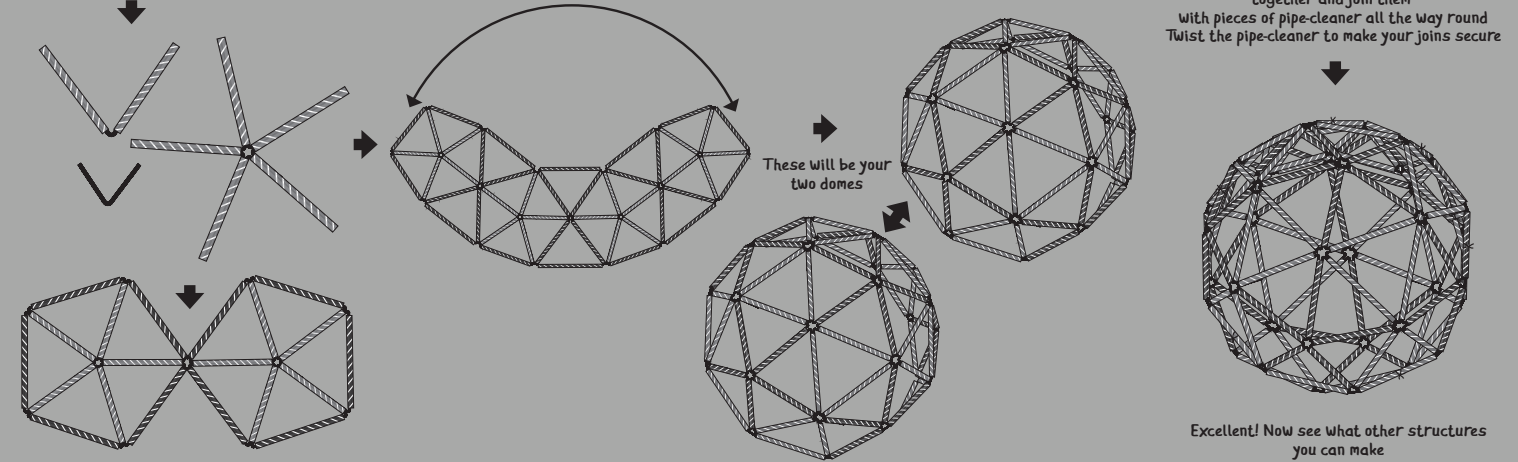
Why not try ...

MAKE A BALL?

1. Start by making your dome the same way as you did before - but this time you are going to make two

WHAT YOU NEED TO MAKE A BALL

Materials you will need:
Sissors, pipe-cleaners and straws

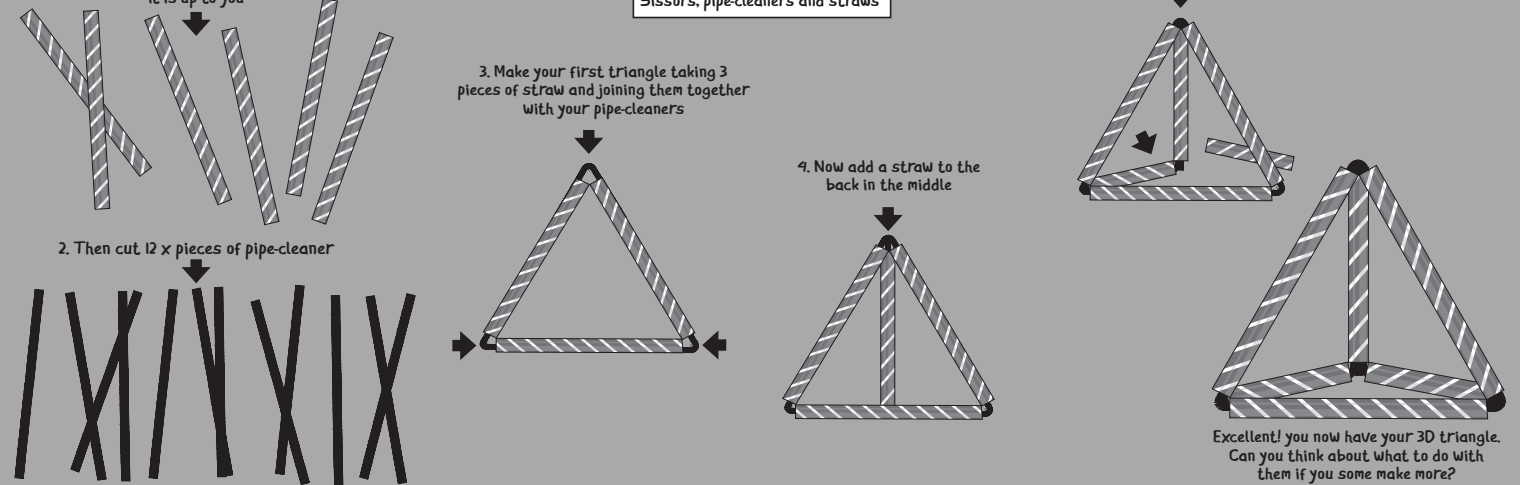


MAKE A TRIANGLE?

1. To make your triangle you will need 6 x pieces of straw - You can use the same colour or mix them up it is up to you

WHAT YOU NEED TO MAKE A TRIANGLE

Materials you will need:
Sissors, pipe-cleaners and straws

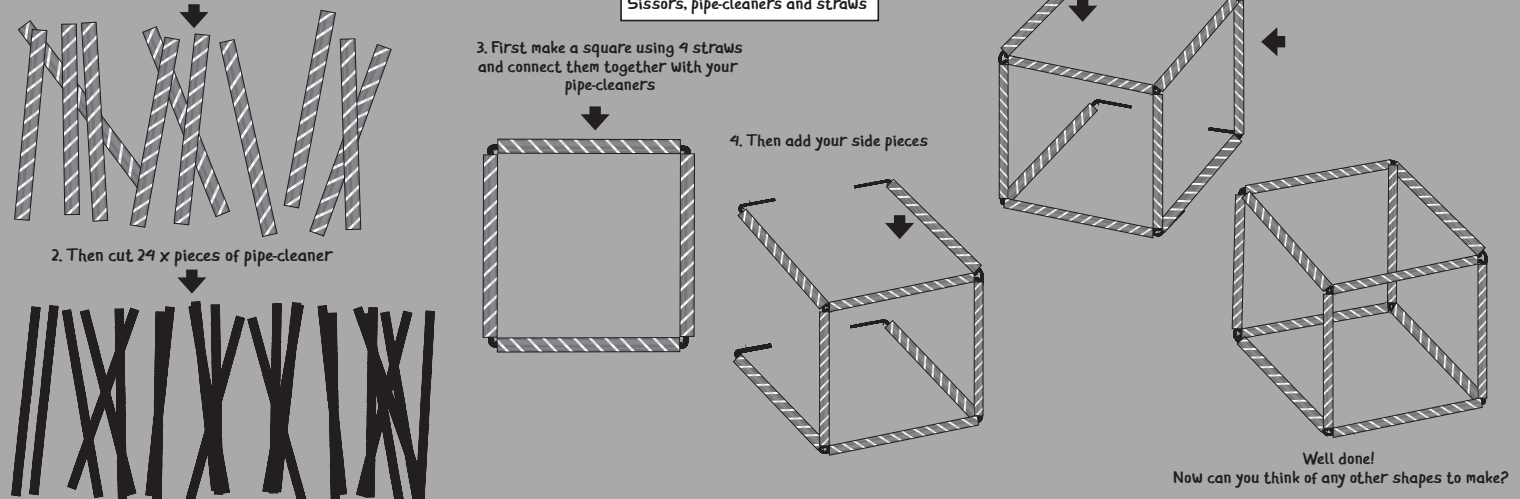


MAKE A CUBE?

1. To make your cube you will need 6 x pieces of straw - you can use the same colour or mix them up it is up to you

WHAT YOU NEED TO MAKE A CUBE

Materials you will need:
Sissors, pipe-cleaners and straws



ART KIT

Teacher's Skills:

This project promotes the development of fine motor skills, three dimensional recognition and hand-eye co-ordination. The fact that the original structure can be dismantled to create any other structure will encourage imagination and problem solving skills.

Create and Play!

You can keep your geodesic dome and use it as a bowl or any other sculpture.

You can also take it apart and re-use the straws and pipe-cleaners to make your own structures.

Share on
FACEBOOK!
Share your awesome artwork
on our facebook gallery
@studiomerakibristol
and see what others
have been
up to!

HELPFUL LINKS :

Go to our website
www.studiomeraki.org
- Full project video of Amy
making her owl puppet.

Do you follow?

childrensscrapstore on facebook?
They have some GREAT ideas on
how to make + play.