

LO: I can create and use 'Angle-a-trons'.

Today we are going to have some fun with angles. You can play angle detective, you can get creative with angles and create and solve angle problems!

Watch this video on YouTube <https://www.youtube.com/watch?v=o6W6P8JZW0o>

You might want to watch it a couple of times as the girl goes pretty quickly! Don't worry about the complicated maths bits in the middle, just focus on how she makes the 'Angle-a-trons' and what she does with them.

I will also record a video (it will definitely be slower!) and post it on the website to show you a few examples.

Tasks:

- Make a selection of your own 'Angle-a-trons' – label each with the angle it shows. Can you make 180° (easy!), 90° , 45° , 60° (a bit more tricky)? What other 'Angle-a-trons' can you make.
- Draw around some of your 'Angle-a-trons' – can you label them 'acute' or 'obtuse'?
- Explore the house with your 'Angle-a-trons' – how many angles can match?
- Get doodling! – What patterns and shapes can you create using your 'Angle-a-trons'? colour them in, make them look amazing!
- Can you join 3 different 'Angle-a-trons' together to make an angle smaller than 180° ?
- If you join a 90° , a 60° and a 45° 'Angle-a-tron' together, what angle do you get? How many more degrees would it take to make a full circle of 360°
- Can you create a problem of your own for me to solve?

Explore angles and have fun!