

Using a pair of compasses

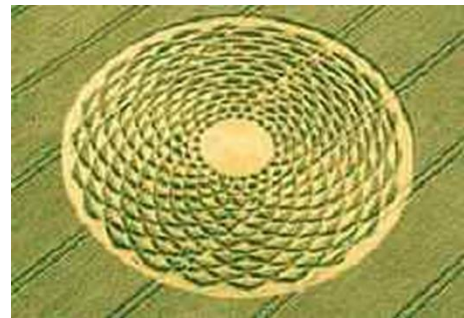
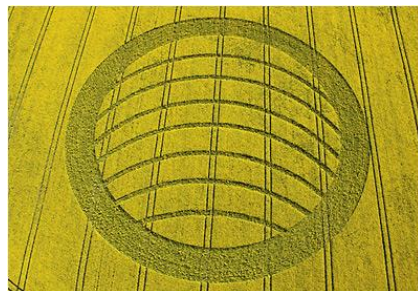
This task is going to help you get to know a piece of equipment in your geometry set; a pair of compasses. It's called a **pair** as it has two legs, just like a pair of trousers. It is used to draw accurate circles. You will need a very sharp pencil and some scrap paper to practice your circle drawing.



Crop circles

What is a crop circle?

- Crop circles are patterns created by the flattening of crops such as wheat, barley, rye, or corn. The term crop circle entered the Oxford Dictionary in 1990.
- Self-described pranksters Doug Bower and Dave Chorley claimed to have started the crop circle phenomenon in 1978. Their work is continued by other groups of crop circle makers such as the circle-makers arts collective founded by John Lundberg in the early 1990s.
- It has been claimed that evidence suggesting these formations are caused by some force other than humans is found in hundreds of photographs of bent or warped growth nodes. While it has been suggested that ball lightning and vortices in the wind might rarely produce isolated indentations in crops, neither is capable of the complex and often delicate patterns seen in more elaborate crop circles.



Your challenge

Assuming that the circles are man-made, the 'artists' only use rope to make the circles and planks to flatten the grain.

You can use a pair of compasses to create a crop circle on paper.

I'm looking to excellent circles and arcs, accuracy and display quality work.

Top Teacher Tips for great constructions

1. Keep the pencil sharp.

2. Use a short pencil

3. Once you have set the radius, only handle the plastic parts of the compass

If you are struggling, hold the compass still and turn the paper

