

Science

# How have our ideas about the universe changed over time?

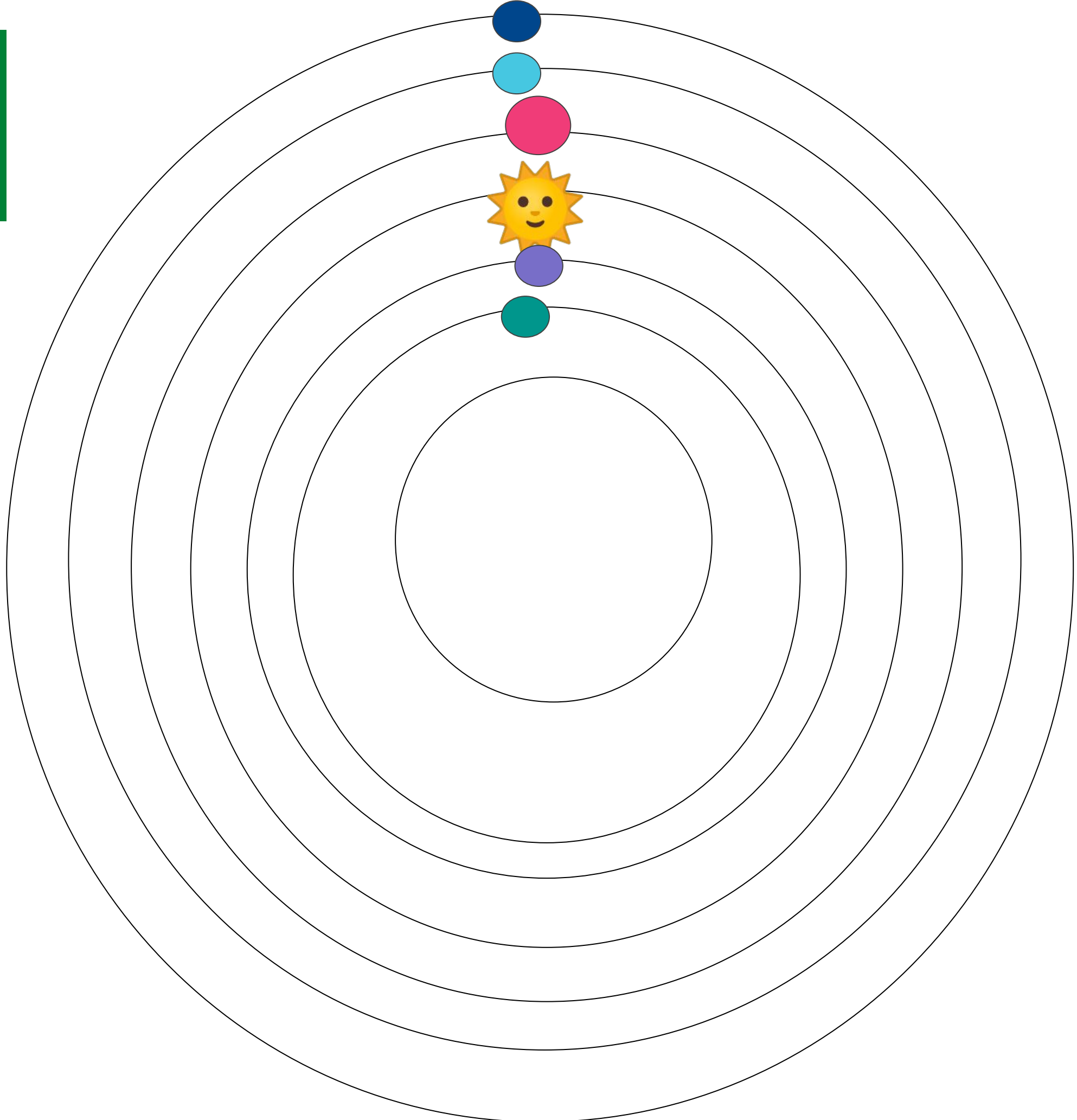
Miss Simkin








**OAK**  
NATIONAL  
ACADEMY

# Geocentric model

Draw and add a key:

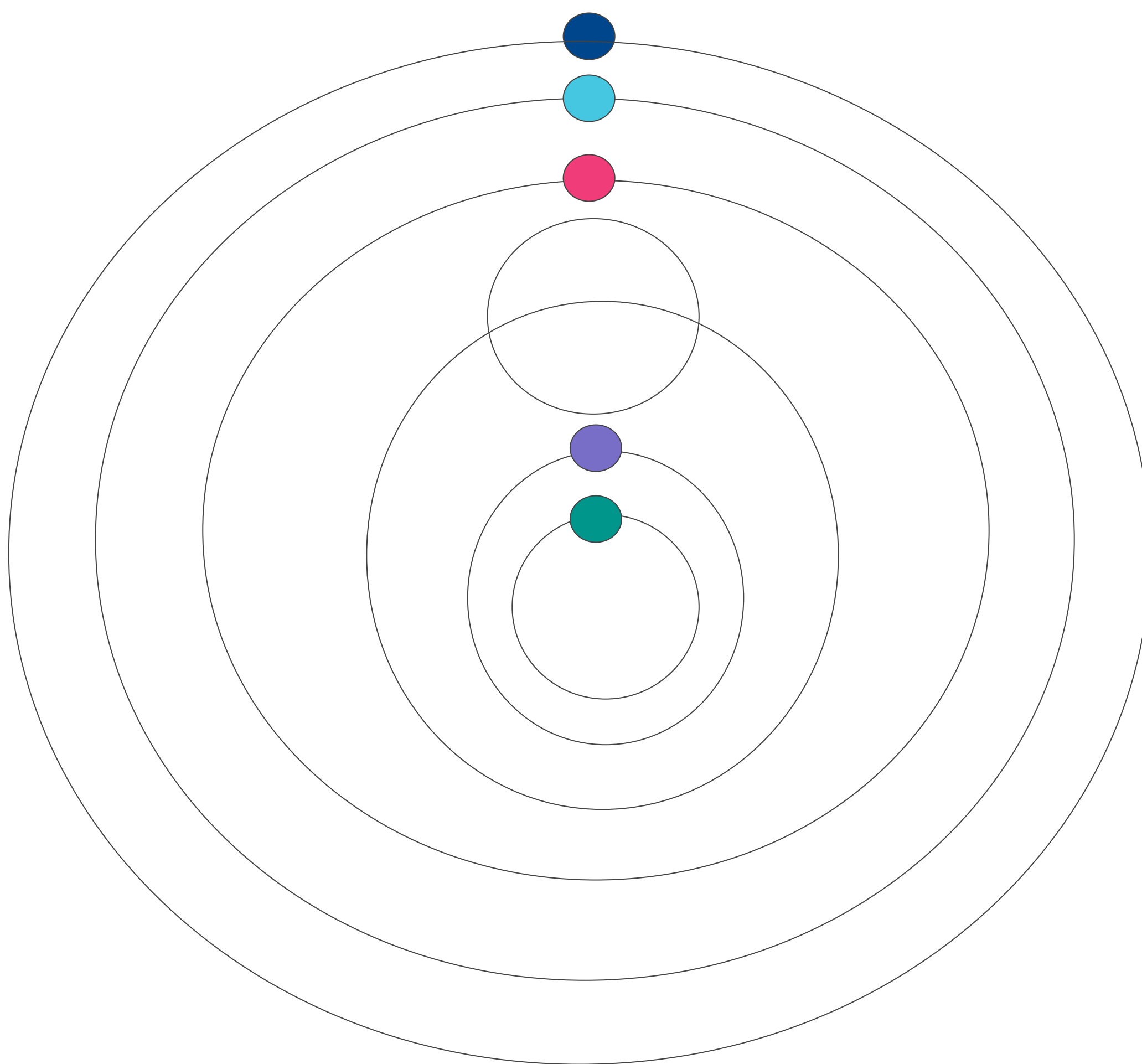







-  = Saturn
-  = Jupiter
-  = Mars
-  = Venus
-  = Mercury



# Heliocentric model

Draw and add a key:



-  = Saturn
-  = Jupiter
-  = Mars
-  = Venus
-  = Mercury



# Elliptical paths

## Answer the question:

1. How have our ideas about the universe changed over time?

### Word bank:

Geocentric model

heliocentric model

circular orbit

elliptical orbit

earth

sun

moon

planets

Johannes Kepler

Nicholas Copernicus

Claudius Ptolemy

