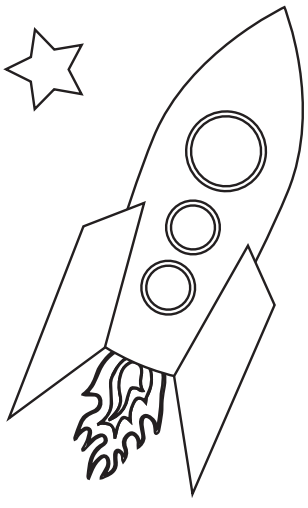
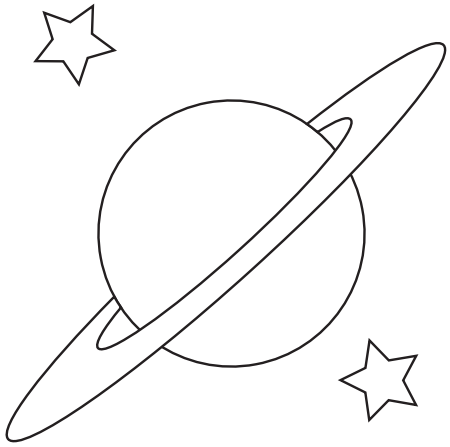
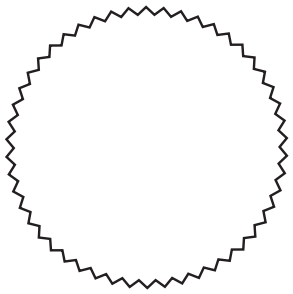
Earthly Word Search

R E M O N O R T S A W A P V I
A V O R B I T E C I K X Y L B
G L U N A R D S O R D I K R R
F A U R O R A A C Q P S U F A
R P F T H Z F H E V T I L T L
O V U N R E V P M D H D X F O
T N N E A P P Y L T I N D W S
A X U C U B A K R V Q T H B Y
T G G S T E C L I P S E C B L
I H W E X O A V T Q U F J I I
O G G R D I G N G I B B O U S
N Z C C E H D C O C O R O N A
K M O O N W Q L H X I F M J A
G Z E A R T H V L J D U P J X
G N I X A W G N I N A W Y Q L

EARTH
WANING
CRESCENT
PHASE
TILT
AXIS
ECLIPSE
TIDE
MOON
AURORA
LUNAR
ASTRONOMER
CORONA
ROTATION
SUN
ORBIT
NEAP
GIBBOUS
SOLAR
WAXING

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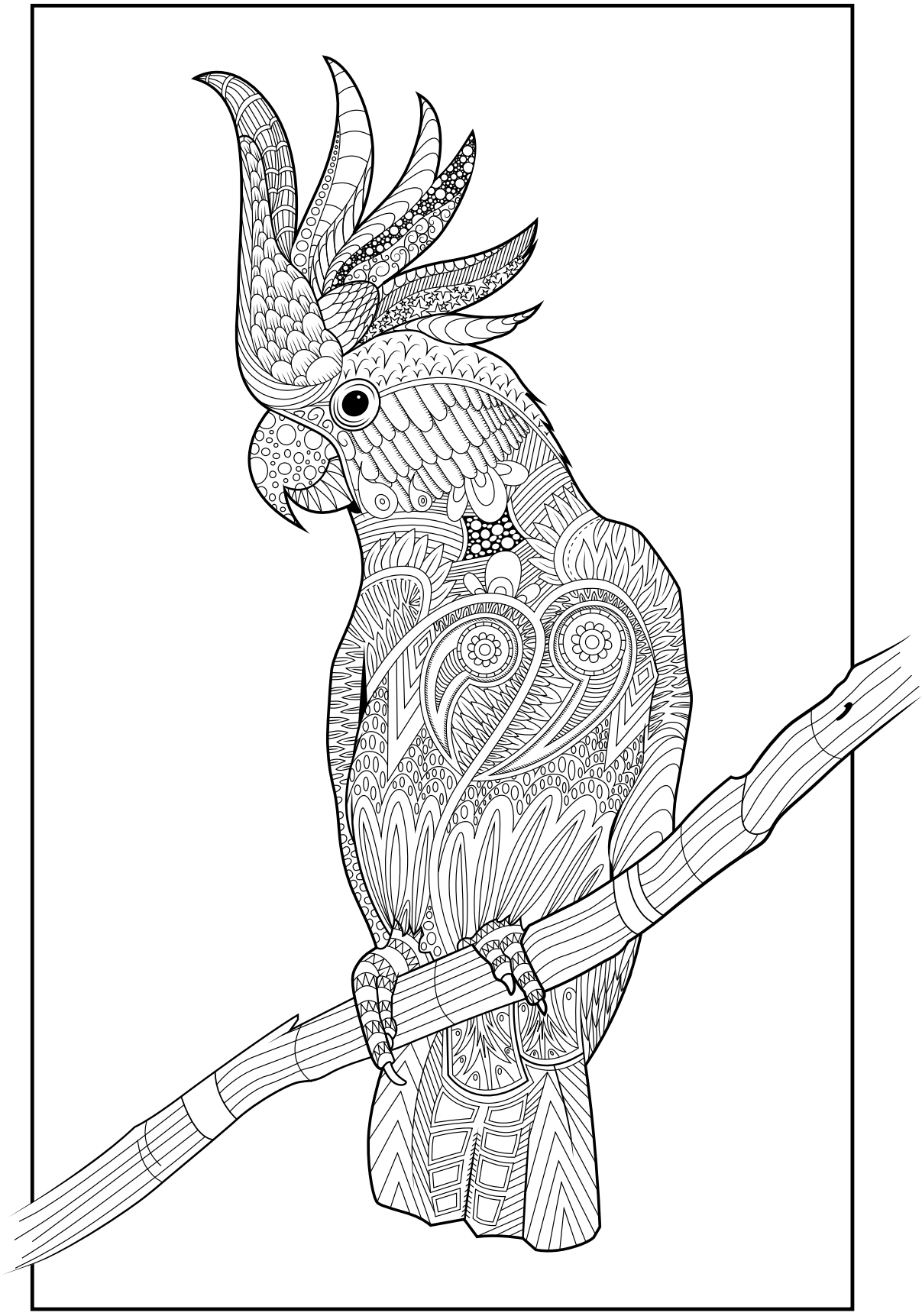

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MOVING LINES

ACTIVITY INSTRUCTIONS

Task

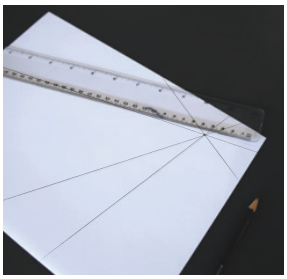
Experiment with using line to create movement, in the style of Op Art. You may choose to work in black and white or in two contrasting colours.

Materials

A lead pencil
White card
Ruler
2 contrasting coloured felt pens OR a black felt pen
Ideally, fine-tip felt pens in the same colour

Procedure

1. Using your lead pencil, place a small, off-centre dot in the top (or bottom) third of the card.



2. Using a ruler, draw 6 lines that start at the edge of the page and pass through the dot, so the lines all intersect. Each line should start and finish at an edge. These intersecting lines will create triangular sections. Try to place your lines so that the sections are different widths, i.e. they're not all equidistant.

3. Start in one triangular section and draw a curved line across to the next section. Join this section to the next, but change the direction of the curve.

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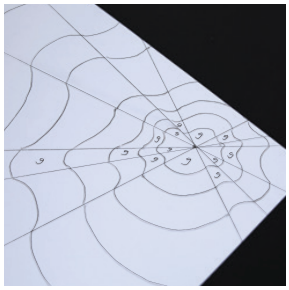
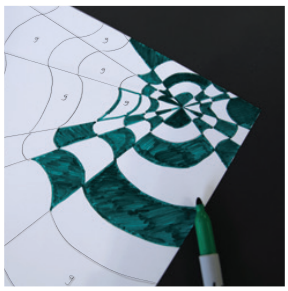
Procedure (cont.)

4. Continue creating concentric curved lines, alternating the direction of the curve for each section. Gradually widen the bands as you move away from the dot where the lines intersect.



5. You will need to colour alternate segments until they resemble a chequerboard. To avoid mistakes, label each segment in pencil first, so you know which colour to use.

6. Start at the point where the lines intersect. Choose 1 colour and begin to fill in the alternating segments. Work your way around the design. It is best to use a fine-tipped pen at first, because the segments close to the dot are so small.



7. Gradually work your way out from the centre, shading the segments and using a thicker felt pen once the segments become larger.

8. If you are working in a single colour, or in black and white, leave the rest of the segments white. If you are using a second colour, fill the contrasting segments in the same way.

9. When you are finished, your artwork should confuse the eye and appear to move by itself.