

Transforming Data - Resources Required

General:

- Teacher Device and equipment to project video to the class, as well as images
- Student worksheet (1 copy per student or device to access electronic copy)
- Student device to access relevant software that may assist in the artistic components of this lesson

Part B: Transforming data

- Multi Coloured post-it notes
- Coloured pens
- Metre rulers and/ or spirit levels (for students to use to ensure their wall art is straight)
- Wall space for students to create and present their artworks (e.g. classroom walls)

Part C: Project- Sending a message through art

- Quadrats (or metre rulers) for surveying locations
- 20m Measuring tape for transect lines to survey locations
- Craft supplies (depending on chosen artwork- see below for ideas)

Ideas	Summary	Equipment
Idea 1	Pixel-art using post-it notes on a classroom wall OR coloured markers and grid paper	<ul style="list-style-type: none">• Multi-coloured post-it notes• Coloured pens• Metre rulers/ spirit levels (to ensure wall art is straight)• Wall space or poster board
Idea 2	Pointillism using paint and canvas blocks, loose canvas or fabric, cardboard or poster board. Students could also use their fingertips to make the dots.	<ul style="list-style-type: none">• Coloured paints• Canvas block, fabric or poster board (to paint on)• Paint brushes
Idea 3	Photographic mosaic whereby students take one or several photos and arrange these to create an image. Can be completed digitally or by using printouts of images.	<ul style="list-style-type: none">• Camera (or device with camera app)• Student device if the task is to be completed digitally• Access to printer (if students are going to use printed images)• Glue (if students are going use printed images)• Canvas block or poster board
Idea 4	Pointillism or pixel-art using cut-outs of collected rubbish (e.g. colourful food wrappers) and gluing them onto poster board. Students could use a hole punch or shape cutters to make this task easier.	<ul style="list-style-type: none">• Hole punch, shape cutters, guillotine or scissors to cut shapes• Glue• Canvas block or poster board

