Learning objective
• To be able to identify patterns and relationships involving numbers or shapes.

Learning outcome
• To design and make a tortoise using knowledge of ratio and proportion.

Book reference
• Post-reading the book.

Cross-curricular link
• Numeracy, Art, English, Science.

Resources
• Craft materials, such as recycled junk or papier mache materials.

Overview

Starter
• Show some messages written in code on the board. The children try to break the code.
• Show a number pattern. The children try to guess the pattern and continue it.

Main teaching activity
• Re-read pages 37 – 40.
Group or independent activity

• Independently, each child creates a tortoise from card or papier mache.
• The children give their tortoise:
  - A name (then spell it backwards)
  - Characteristics.
  - Favourite food.
  - Most hated food.
  - Silly habit.
• The children measure the weight, height, width and depth of their tortoise.

Plenary

• As a class, the children place their tortoises in different lines in order of size, silliness, weight, height etc.

Other activities

• Research the lives of tortoises: hibernation, natural habitat, different species, diet etc.
• Research animal cruelty (see author’s note at the beginning of Esio Trot) and charities which help animals (RSPCA etc)
• Learn how to convert ounces to grams.
• Spot the difference (between tortoises), using connectives to compare them and explain the difference.