



3. Use a ruler to measure the two pieces of string
4. Calculate pi (π) by dividing the circumference by the diameter

$$\pi = \frac{\text{Circumference}}{\text{Diameter}} \quad \text{For example: } \frac{56.5\text{cm}}{18\text{cm}} = 3.13888^*$$

* The results should be *roughly* 3.14
(depending on how accurate you were with the string!)

5. Now decorate your pi plate

Why's this maths?

This is a fun way to explore the digits of pi (3.1415926535) and discover the concept of infinite numbers. You are using and understanding mathematical terms whilst learning interesting facts about circles. Once we know pi is constant (stays the same), we can see why it is used to create formulae to work out information about circles when we only have one measurement eg. πd ($\pi \times \text{diameter}$) = circumference.