

# Question: True Beauty of Maths

Objectives	
Essential learning objective	Milestone indicators
Science- To understand plants	Identify and describe the functions of different parts of flowering plants: roots, stem, leaves and flowers. • Explore the requirements of plants for life) and how they and growth (air, light, water, nutrients from soil, and room to grow vary from plant to plant. • Investigate the way in which water is transported within plants. • Explore the role of flowers in the life cycle of flowering plants.
R.E -To understand beliefs and teachings	• Explain the practices and lifestyles involved in belonging to a faith community. • Explain some of the different ways that individuals show their beliefs. Islam
Computing-To code (using Scratch)	• Set IF conditions for movements. Specify types of rotation giving the number of degrees. • Change the position of objects between screen layers (send to back, bring to front). • Upload sounds from a file and edit them. Add effects such as fade in and out and control their implementation. • Combine the use of pens with movement to create interesting effects.
Music -To transcribe	• Use the standard musical notation of crotchet, minim and semibreve to indicate how many beats to play. • Read and create notes on the musical stave. • Understand the purpose of the treble and bass clefs and use them in transcribing compositions. • Understand and use the # (sharp) and ♭ (flat) symbols. • Use and understand simple time signatures.
Geography - To investigate places	Use different types of fieldwork sampling (random and systematic) to observe, measure and record the human and physical features in the local area. Record the results in a range of ways.
P.E - To develop practical skills. Hockey/Basketball	• Field, defend and attack tactically by anticipating the direction of play. • Choose the most appropriate tactics for a game. • Uphold the spirit of fair play and respect in all competitive situations.
French - To understand the culture of the countries in which the language is spoken	• Give detailed accounts of the customs, history and culture of the countries and communities where the language is spoken. • Describe, with interesting detail, some similarities and differences between countries and communities where the language is spoken and this country.
DT - To take inspiration from design throughout history	Combine elements of design from a range of inspirational designers throughout history, giving reasons for choices. • Create innovative designs that improve upon existing products. Develop a range of practical skills to create products (such as cutting, drilling and screwing, nailing, gluing, filing and sanding).

