

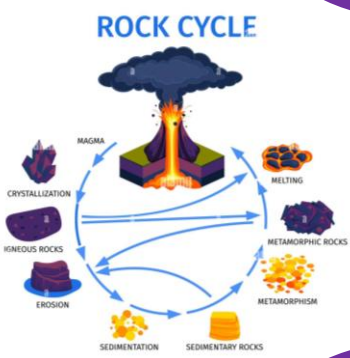
Summer 2 – Belonging
Space; Space and the Solar System, investigating gravity, mass and weight, Mars Rover, colonising Mars, orbits, trip to National Space Centre in Leicester.



Summer 1 – Healthy Lifestyles
Healthy Lifestyles; Healthy diet: nutrient groups, balanced diet, unbalanced diets. Healthy lifestyle: alcohol, smoking, exercise, Heart Rate Investigation, infectious diseases, vaccination, drugs.



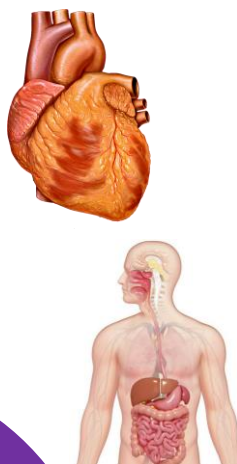
KS3



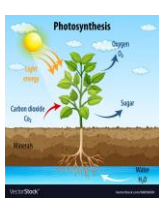
Spring 2 – The World Around Us
The Earth and the Atmosphere; The Earth's structure, the rock cycle, fossils, crude oil, the Earth's Atmosphere, the Carbon cycle, the Greenhouse Effect, recycling.
Science Week 2023 (10th-19th March); complete 8 challenges to gain CREST Award.



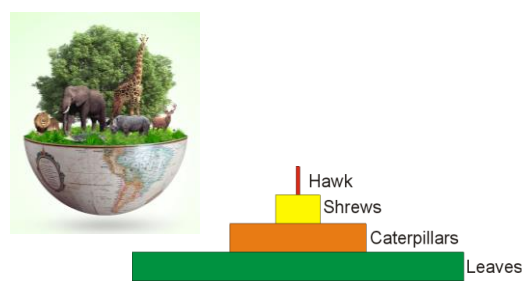
Spring 1 – Me, Myself and I
Human Biology; Hierarchy in an organism – cells, tissues, and organs, the circulatory system, the digestive system, the respiratory system, the reproductive system, puberty, the menstrual cycle, sex cells and fertilisation, contraception, development of a baby.



Autumn 2 - Celebrations
The science behind Bonfire Night; fire triangle and combustion, candle investigation, fireworks and flame testing, the eye and the camera.
The Science behind Christmas; Santa's Sleigh Friction Investigation, Christmas Tree Investigations.



Autumn 1 - Community
Ecology; abiotic and biotic factors, adaptations of plants and animals, food chains, distribution of organisms, the Water Cycle, trip to Conkers/ Rosliston/ Fradley Junction.
Plants; Photosynthesis, investigating photosynthesis, structure and adaptations of a leaf, plant reproduction, seed dispersal.



Coming From KS2/Referral/Induction...