Autumn

Key Idea Focused skill Knowledge Explore naming teeth and Plan Consolidate digestive organs. Digestion To plan how to investigate the effect of fizzy drinks on Explore Food tests and the role Stretch teeth or the energy in food. of the digestive organs. Do Explore naming and locating Consolidate Organisation of the vital Organs. To use microscopes and models to explore cells and Explore cells, tissues, organs Human body. Stretch tissue. and Organ systems. Record and present Explore the heart and Consolidate Respiratory and To record and present circulation. heart rate before and Explore breathing and circulatory system. Stretch after exercise. respiration. Explore the Earth, moon and Communicate Consolidate Universe To research and present Explore what the solar system information on the solar Stretch and universe. system or universe.

Spring

Knowledge Key Idea Focused skill Explore magnets. Plan Consolidate Magnets To plan an investigation on Explore magnetism with magnetic strength or Stretch electricity electromagnets. Review Explore parts of plants Consolidate To review results from a Plant Reproduction seed dispersal experiment Explore plant reproduction. Stretch or the growing conditions of plants. Explore lifecycles, reproduction Communicate Consolidate Human Reproduction and changes in humans. To describe the formation of Explore reproduction and new life or the menstrual Stretch inheritance. cycle. Explore habitats and food Identify and classify Consolidate Living things and their To group living things chains. habitats according to how they feed. Explore interdependence within Stretch ecosystems.

Summer

Key Idea Knowledge Focused skill Identify and classify Explore how to use a Consolidate To identify how heat is microscope. Heating and cooling transferred. Explore how heat travels Stretch through different materials. Explore rock and soil formation. Record and present Consolidate Earth Science To record observations from Explore the structure of the igneous crystal cooling or rock Stretch earth. erosion experiment. Do Further understanding of CREST Super star To use a range of equipment to scientific practical skills. award CREST SUPERSTAR complete 8 challenges and gain the super star crest award. Explore the human skeleton and Review Consolidate muscles. Human skeleton To review results from the Explore how the human muscles Stretch resting Muscle experiment and muscles and skeleton makes us move.