



Year A			Term	Year B		
Seals Y 1 / 2	Puffins Y 3 / 4	Dolphins Y 5 / 6		Seals Y 1 / 2	Puffins Y 3 / 4	Dolphins Y 5 / 6
Everyday Materials 1.4: An introduction to materials 1.5: Testing materials 1.6: Other properties of materials	Skeletal and Muscular Systems 3.1: Nutrition 3.2: Skeletons 3.3: Muscles	Sustainability 6.12: Global warming 6.13: Renewable energy 6.14: Solar energy	Autumn 1	Habitats 2.11: Dead or alive 2.12: Habitats and adaption 2.13: Animal growth	Digestive System 4.1: The digestive system 4.2: Teeth 4.3: Food chains	Forces and Mechanisms 5.1: Gravity 5.2: Forces 5.3: Air resistance 5.4: Water resistance 5.5: Levers, pulleys, and gears
Human Senses 1.11: The human body and taste 1.12: Eyesight and hearing 1.13: Touch and smell	Rocks 3.4: Introduction to rocks 3.5: Sedimentary and metamorphic rock 3.6: Igneous rocks and minerals 3.7: Fossils 3.8: Soils	Electrical Circuits and Components 6.5: Circuits	Autumn 2		Electrical Circuits 4.4: Circuits 4.5: Electrical conductors	Earth and Space 5.14: The solar system 5.15: The earth and the moon
Seasonal Changes 1.1: The seasons 1.2: Day length 1.3: Weather around the world 1.7: Weather review 1.16: Seasons review	Forces and Magnets 3.9: Friction 3.10: Magnetism	Circulatory System 6.1: The heart and the circulatory system 6.2: Diet 6.3: Exercise, drugs and lifestyle 6.4: The transport of water and nutrients	Spring 1	Use of Materials 2.6: Changing materials 2.7: Material strength 2.8: Ship building 2.9: Materials in history	Sound 4.13: An introduction to sound 4.14: How sound travels 4.15: Sound and pitch 4.16: Sound and volume 4.17: Sound and distance	Human Reproduction and Ageing 5.16: The human lifecycle
			Spring 2	Plant Survival 2.10: Planting 2.14: Plant growth	Grouping and Classifying 4.11: Classification 4.12: Extinction	Living Things and Habitats 5.17: Animal life cycles and reproduction 5.18: Plant reproduction
Plant Parts 1.10: Planting 1.14: Identifying plants 1.15: Planting review	Plant Nutrition and Reproduction 3.13: Roots 3.14: Leaves 3.15: Stems 3.16: Flowers 3.17: Plant growth	Light Theory 6.6: How light travels	Summer 1	Animal Survival 2.1: Animal growth 2.2: Animal survival 2.3: Food 2.4: Exercise 2.5: Hygiene	States of Matter 4.6: Solids 4.7: Liquids 4.8: Gases 4.9: Changes of state 4.10: The water cycle	Properties and Changes of Materials 5.6: Burning 5.7: Acid and bicarbonate of soda 5.8: Dissolving, mixtures and changes of state



Port Isaac School PZAZ Science Long Term Plan



Animal Parts 1.8: Zoology 1.9: Animal diets	Light and Shadow 3.11: Darkness, sunlight and reflection 3.12: Shadows	Evolution and Inheritance 6.9: Adaption 6.10: Inheritance 6.11: Evolution	Summer 2			5.9: Separation by filtration and sieving 5.10: Separation by evaporation 5.11: Hardness 5.12: Transparency and magnetism 5.13: Thermal and electrical conductivity
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