Providence English Private School

Science
Stage 1
Thinking and Working Scientifically
Scientific enquiry: purpose and planning
1TWSp.01 Ask questions about the world around us and talk about how to find answers.
1TWSp.02 Make predictions about what they think will happen.
Carrying out scientific enquiry
1TWSc.01 Sort and group objects, materials and living things based on observations of the similarities and differences between them.
1TWSc.02 Use given equipment appropriately.
1TWSc.03 Take measurements in non-standard units.
1TWSc.04 Follow instructions safely when doing practical work.
1TWSc.05 Collect and record observations and/or measurements by annotating images and completing simple tables.
Scientific enquiry: analysis, evaluation and conclusions
1TWSa.01 Describe what happened during an enquiry and if it matched their predictions.
Biology
Structure and function
1Bs.01 Recognise and name the major parts of familiar flowering plants (limited to roots, leaves, stems and flowers).
1Bs.02 Identify the senses (limited to sight, hearing, taste, smell and touch) and what they detect, linking each to the correct body part.
1Bs.03 Recognise and name the major external parts of the human body.

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Science
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Life processes
1Bp.01 Identify living things and things that have never been alive.
1Bp.02 Know that animals, including humans, need air, water and suitable food to survive.
1Bp.03 Know that plants need light and water to survive.
1Bp.04 Describe how humans are similar to and different from each other.
Chemistry
Materials and their structure
1Cm.01 Identify, name, describe, sort and group common materials, including wood, plastic, metal, glass, rock, paper and fabric.
1Cm.02 Understand the difference between an object and a material.
Properties of materials
1Cp.01 Understand that all materials have a variety of properties.
1Cp.02 Describe common materials in terms of their properties.
Changes to materials
1Cc.01 Describe how materials can be changed by physical action, e.g. stretching, compressing, bending and twisting.
Physics
Forces and energy
1Pf.01 Explore, talk about and describe the movement of familiar objects.
1Pf.02 Describe pushes and pulls as forces.

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1Pf.03 Explore that some objects float and some sink.
Light and sound
1Ps.01 Identify different sources of sound.
1Ps.02 Explore that as sound travels from a source it becomes quieter.
Electricity and magnetism
1Pe.01 Identify things that require electricity to work.
1Pe.02 Explore, talk about and describe what happens when magnets approach and touch different materials.
Earth and Space
Planet Earth
1ESp.01 Know that Earth is mostly covered in water.
1ESp.02 Describe land as being made of rock and soil.
Earth in space
1ESs.01 Know that Earth is the planet on which we live.
1ESs.02 Describe the Sun as a source of heat and light, and as one of many stars.
Science in Context
1SIC.01 Talk about how some of the scientific knowledge and thinking now was different in the past.
1SIC.02 Talk about how science explains how objects they use, or know about, work.
1SIC.03 Know that everyone uses science and identify people who use science professionally.

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Science
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1SIC.04 Talk about how science helps us understand our effect on the world around us.
End of spreadsheet

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