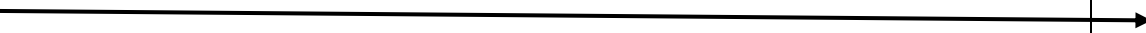


# Science

## SOL (Sequence Of Learning)

Autumn

							Outcome	Vocabulary	
Yr1	1.1	WDIKA— Materials And their properties	Problem solving/ Investigate  Which material will you use for cleaning up liquid  property absorb	Recap : property absorb Investigation— - waterproof materials What is opposite of absorb	Recap: Waterproof and absorb  Explore the property of insulate	Recap: Insulate  Investigate property of a material to insulate	Assessment  absorb , waterproof and insulate	Understand use of material is related to its properties	absorb insulate
	1.2	WADIKA— Seasons	Discuss weather and clothing consolidating insulate and absorb	Use of symbols to show weather	Investigate Material property of being opaque— shadows	Assessment Drawing shadows		Understand weather changes daily and climate is the weather over a long period over a large area. Shadow is formed when the material blocks the light	shadow climate weather

Yr2	1.1	WDIKA Living and non-living thing	Scenarios to prove if a thing was living once, dead, living or never lived giving reasons	WDIKA Habitats	Investigate micro and macro habitats	Assessment Habitats Eating habits classification		To know the 7 life processes Understand habitats and food habits of animals	micro
	1.2	WDIKA Manmade or manufactured materials	Sorting materials according to their properties	Investigating— property Transparent	<i>Assessment</i>			Understand use of material is related to its properties	manufacture transparent
Yr3	1.1	WDIKA Electricity	Appliances run of mains and batteries  Safety while using electricity	Explore switches and their use	Investigate properties of a material to be used as a switch	Assessment		Understand from where do we get electricity Understand electricity flows in a continuous path Know which material are electric insulators or conductors Know hazards while using electricity	conduct hazard
	1.2	Or the topic can be done in Term 1.2							

Yr4	1.1	WDIKA Rocks	Rock cycle Name few rocks Classify rocks into igneous, sedimentary and metaphoric rocks and their uses .	Investigate Properties of permeability and hardness And acid test	WDIKA Fossils and fuels	To know what are fossils. Understand how fossils are formed. Know why fossils only be found in a sedimentary rock. Understand disadvantages of fossil fuels	Assessment	Understand the rock cycle. Understand uses of rocks related to their properties. Know how fossils are formed only in sedimentary rocks. Disadvantages of using fossil fuels	igneous metamorphic
	1.2	WDIKA Soil	Understand how soil is formed. What it is made up of  Understand the profile of a soil and relationship of the layers to the particle size	Investigate the property of permeability of soil and how it effects plant growth	Understand how manure is formed and its importance	Assessment		Understand the layers of a soil is related to particle size Understand that the permeability of soil decides healthy plant growth.	manure decompose
Yr5	1.1	WDIKA Reproduction in plants and animals	Distinguish between life cycle of a	Differentiate between sexual and asexual	Know that roots, stem and leaves have	Assessment			propagation breeding

			butterfly, bird and mammals	reproduction in plants	modified functions				
	1.2	WDIKA Different systems in your body and their functions	Understand how is waste formed and thrown out of your body.	Investigate means to keep our body healthy	WDIKA Respiration and breathing	How lungs work and how to keep them healthy	Assessment	Understand how food is digested and importance of healthy eating Understand how we can keep our lungs healthy	throb palpitate
Yr6	1.1	WDIKA Microorganism	Know the disadvantages and advantages of microorganism	Understand how our body fights the diseases	Importance of vaccination	Assessment			refined immunisation parasite
	1.2	WDIKA Habitats	Know the different adaptations in animals to adapt to their habitat	Know the different adaptations in plant that help them adapt to their habitat	Understand hybridization	Know the importance of study of fossils	Assessment		hybrid