Emmanuel Science Curriculum Map – Kapow Units

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year A / Year B	**All About Me**	**Journeys / Transport**	**Dinosaurs / Space**	**Growing and changing**	**Kings and Queens, Animals and their babies**	**Stories from the past / Heroes and Adventures**
Science focus	*Our body* *The senses*	*Health and Safety* *Machines – mechanical and hand held*	*Forces* *Space – Exploring space*	*Food – Eating Healthy* *Plants – Exploring plants*	*Animals – mammals, birds and insects*	*Insects and Invertebrates* *Weather and seasons*
Year 1	Seasonal changes/Plants -go out every week/ Take measurements of weather- see how it changes/ plants					
	Animals, including humans	**Materials**	**Animals, including humans**	**Seasonal Changes**	**Plants**	**Making connections**
Science focus	*Comparing animals*	*Everyday materials*	*Sensitive bodies*	*Forces and space*	*Introduction to plants*	*Science through stories*
Year 2	Plant bulbs and seeds. Go out every week/ See how the plants change/ Habitats- Look at living things and how they change over time					
	Animals, including humans	**Materials**	**Living things**	**Plants**	**Living things and their habitats**	**Making connections**
Science focus	*Life cycles and health*	*Uses of everyday materials*	*Habitats*	*Plant growth*	*Microhabitats*	*Plant based materials*
Year 3	Once a half term explore the nature gardens searching for buds, flowers, seeds and berries					
	Animals, including humans	**Forces and space**	**Plants**	**Materials**	**Energy**	**Making connections**
Science focus	*Movement and nutrition*	*Forces and magnets*	*Plant reproduction*	*Rocks and soil*	*Light and shadows*	*Does hand span affect grip strength?*
Year 4	Once a half term: explore the nature gardens searching for plants and animals and how they have changed through the year. Introducing pond dipping.					
	Animals, including humans	**Living things**	**Materials**	**Energy**	**Electricity**	**Making connections**
Science focus	*Digestion and food*	*Classification and changing habitats*	*States of matter*	*Sounds and vibrations*	*Electricity and circuits*	*How does the flow of liquids change?*
Year 5	**Living things**	**Forces and space**	**Materials**	**Forces and space**	**Materials**	**Making connections**
Science focus	*Life cycles and reproduction*	*Earth and space*	*Properties and changes*	*Unbalanced forces*	*Mixtures and separation*	*Does the size of an asteroid affect the diameter of its crater?*
Year 6	**Animals, including humans**	**Energy**	**Energy**	**Living things**	**Living things**	**Making connections**
Science focus	*Circulation and health*	*Circuits, batteries and switches*	*Light and reflection*	*Classifying big and small*	Evolution and inheritance	*Are some sunglasses safer than others?*