



Saint Mary's Catholic Voluntary Academy

Two-Year Curriculum (Science)

Year	Advent One	Advent Two	Lent One	Lent Two	Pentecost One	Pentecost Two
A & B EYFS	I am a scientist		Animal adventures		Our beautiful planet	
A & B Y1	Seasonal Changes Year 1: Seasons seasonal change	Everyday materials Year 1: Materials floating and sinking	Sensitive bodies Year 1 Animals inc humans body parts	Comparing animals Year 1: Animals inc humans animal classification	Introduction to Plants Year 1: Plants structure	Investigating science through stories Year 1: Teddy zipline
A Y2/Y3	Movement and nutrition Year 3: Animals inc humans investigating skeletons.	Forces and magnets Year 3: Forces shoe grip and/or Forces Strongest magnet	Rocks and soils Year 3: Rocks rock reports	Light and shadows Year 3: Light making shadows	Plant reproduction Year 3: Plants measuring plants	Does hand span affect grip strength? Year 3: Egg packaging
B Y2/Y3	Habitats Year 2: Habitat survey	Microhabitats Year 2: Living things woodlice habitats.	Uses of everyday materials Year 2: Materials Waterproof.	Life cycles and health Year 2: Animals inc handspans	Plant growth Year 2: Plants compare growth	Plant- based materials Year 2: Eco Action
A Y4	Digestion and food Year 4: Animals inc human teeth in liquids.	Electricity and circuits Year 4: Electrical conductors	States of matter Year 4: Melting conclusions	Sound and vibrations Year 4: Sound investigating pitch	Classifying and changing habitats Year 4: Living things local survey	How does the flow of liquid compare? Year 4: Cornflour slime Questions
B Y4/5	Mixtures and separation Year 5: Dirty water filter	Properties and changes Year 5: Materials dissolving or Materials nappy absorbency.	Earth and Space Year 5: Space Travel questions	Life cycles and reproduction Year 5: Animals inc humans growth survey.	Unbalanced forces Year 5: Forces aqua dynamics	Human timeline Does the size of an asteroid affect its impact strength? Year 5: Craters
A Y5	Mixtures and separation Year 5: Dirty water filter	Properties and changes Year 5: Materials dissolving or Materials nappy absorbency.	Earth and Space Year 5: Space Travel questions	Life cycles and reproduction Year 5: Animals inc humans growth survey.	Unbalanced forces Year 5: Forces aqua dynamics	Human timeline Does the size of an asteroid affect its impact strength? Year 5: Craters
A Y6	Classifying big and small Year 6: Living things outdoor keys	Light and reflection Year 6: Light investigating shadows.	Evolution and inheritance Year 6: Evolution fossil habitats or egg strength.	Circuits, batteries and switches Year 6: Electricity bulb	Circulation and health Year 6: Animals inc humans heart rate.	Are some sunglasses safer than others? Year 6: Bridge engineers



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B Y5/6	Classifying big and small Year 6: Living things outdoor keys	Light and reflection Year 6: Light investigating shadows.	Evolution and inheritance Year 6: Evolution fossil habitats or egg strength.	Circuits, batteries and switches Year 6: Electricity bulb brightness	Circulation and health Year 6: Animals inc humans heart rate.	Are some sunglasses safer than others? Year 6: Bridge engineers