YEAR R	Autumn 1 ALL ABOUT ME	Autumn 2 LET'S CELEBRATE	Spring 1 SUPERHEROES	Spring 2 GROWING!	Summer 1 AMAZING ANIMALS	Summer 2 Fairy Tales
Science	Seasonal Changes ~ Autumn Life cycles - Humans	Sorting materials (junk modelling) Light and Dark, Shadows, Seasonal changes	Seasonal Changes ~ Winter Changing Materials – Bending/Melting/Freezing Sinking and Floating, Magnets Push and Pull	Life Cycles - caterpillar Seasonal Changes ~ Spring Plant growth and lifecycles materials sort natural materials	Seasonal Changes Animals and their needs Habits Caring for Living Things and The Environment	Seasonal Changes - Summer Materials – differences
Working Scientifically	Forensic footprints (biology) Record	Ask Questions and Plan Enquiry Brown apples (biology) (Use to support making shadow predictions)	Toy forces (review – physics)	Record Scavenger sort (chemistry)	Senses walk (biology) Observe and measure	Set up Enquiry Incy spider shelter (adapt for waterproof coat)
Cultral capital				Trip to Longdown Dairy Farm	Life lab box	

YEAR 1	Autumn 1 FAIRY TALES WITH A TWIST	Autumn 2 LONDON'S BURNING	Spring 1 PIRATES AHOY!	Spring 2 FROM HERE TO THERE	Summer 1 WHAT A WONDERFUL WORLD!	Summer 2 AMAZING ANIMALS
Science	Animals including Humans (Human only) Seasonal Changes	Everyday materials	Enquiry only	Animals Including Humans (Animals only) & Seasonal Changes	Plants	Animals including humans Seasonal Changes (Animals only)
Working Scientifically	Evaluate – body parts (biology)	Set up an enquiry - Materials Floating and sinking (physics) Or Travelling – Zipline (chemistry)	Ask questions – Reflectiveness (Chemistry) Link to shiny treasure	Seasonal change – Record (biology)	Observe and measure Plants – structure (biology)	Interpret and report Animal classification (biology)
Cultral capital			Ten ways to build a bridge John Parkin Ambassador			Trip to the common

YEAR 2	Autumn 1 STAND OUT ART	Autumn 2 TITANIC	Spring 1 TO INFINFITY AND BEYOND	Spring 2 WE'RE GOING ON AN ADVENTURE	Summer 1 WONDERLAND	Summer 2 JOURNEY
Science	Plants	Everyday Materials	Plants (Longer Enquiry)	Animals, including humans	Living things and their Habitats (including plants)	Uses of Everyday Materials
Working Scientifically	Observe and measure – Plant growth (biology)	Record – Material hunt (Chemistry)	Set up and enquiry – Daisy footprints (biology) (check ask questions assessment) Or rocket mice (physics)	Ask Questions and Plan Enquiry (Animal home build) - biology	Interpret and Report (Sorting living and non – living things – use of scientific language) biology	Evaluate Boats (chemistry)
Cultural Capital		All aboard the Titanic Jennifer Claire Haigh Ambassador		Life lab box		

YEAR 3	Autumn 1 A HISTORY OF ABSOLUTELY EVERYTHING	Autumn 2 FESTIVALS OF LIGHT	Spring 1 MARVELLOUS MEDICINE	Spring 2 MOUNTAINEERING FOR BEGINNERS	Summer 1 ROMANS	Summer 2 LET'S STICK TO THE NUTS AND BOLTS
Science	Rocks	Light	Animals including Humans	Plants	Longer Enquiry (light or plants)	Forces and Magnets
Working Scientifically	Reporting of findings – compare and group rocks (chemistry)	Gather and record – Can everything make a shadow? (Physics)	Ask Questions – Investingating skeletons (biology)	Review – Use Scientific Evidence to answer questions Function of a plant stem (biology)	Do – Making Observations – How much eater do plants need?(biology)	Plan – Set up a simple practical enquiry Magnets (physics)
Cultral Capital	Rocks and Soils Richard Butcher Ambassador		Life Lab box			

YEAR 4	Autumn 1 DREAM	Autumn 2 EGYPTIANS	Spring 1 JOURNEY TO THE RIVER AMAZON	Spring 2 JOURNEY TO THE RIVER AMAZON	Summer 1 NATURAL DISASTERS	Summer 2 THE VIKINGS
Science	States of Matter	Sound	Living Things and their Habitats	Animals Including Humans	Electricity	End of year enquiry
Working Scientifically	Set up a fair test - Drying Materials (Chemistry)	Ask relevant questions – Investigating pitch (Physics)	Record – Local Environment Survey (biology)	Review – Teeth (eggs) in liquids (biology) Use results to draw conclusions	Interpret and Report Does it conduct Electricity? (Physics)	Observe and Measure temperature (Chemistry)
Cultrual Capital		Debbie Graham Ambassador Sound under water	Marwell	Mad Museum VR Headset Human body Life lab box		

YEAR 5	Autumn 1 IT'S ALL GREEK TO ME	Autumn 2 IT'S ALL GREEK TO ME	Spring 1 EARTH AND BEYOND	Spring 2 EARTH AND BEYOND	Summer 1 MAYAN ADVENTURES	Summer 2 MAYAN ADVENTURES
Science	Living Things and their Habitats	Forces Mechanisms	Earth and Space	Forces (gravity) Living things and their habitats	Animals Including Humans Living things and their Habitats	Properties and Change of Materials
Working Scientifically	Ask Questions and Plan Enquiry Flower Sampling (biology)	Set up Enquiry Predicting – Zipline testing (physics)	Review – Solar System research (physics)	Craters (physics)– Gather and record or Seed dispersal (biology)	Do- take measurements – growth study (biology)	Evaluate (ongoing) Forensic Powders (Chemistry)
Cultral Capital			Science Centre VR Headset – Space (Science week) University of Southampton Aliens and the Solar System Dr Sadie Jones Aurora: Amizing light shows Dr Betty Lanchester			Ten ways to build a bridge ? John Parkin Ambassador

YEAR 6	Autumn 1 THE TEMPEST	Autumn 2 EBENEZER SCROOGE	Spring 1 WORLD WAR 2	Spring 2 WORLD WAR 2	Summer 1 LONDON	Summer 2 LONDON
Science	Light	Electricity	Living Things and their Habitats	Evolution	Animals including Humans	Longer Enquiry
Working Scientifically	Ask Questions and Plan Enquiry Raising and sorting light questions (Physics)	Do – Conductive dough (Physics) – Use equipment and make observations	Report and present findings – Invertebrate research (biology) (link to computing website)	Review – Identifying Scientific evidence – Fossil habitats (Biology)	Do – Use test results ot predict and set up tests. Heart rate poses (Biology)	Blood splat – Do gather and record data using tables and graphs (Chemistry)

Cultral Capital	University of sourthampton Lightwaves			VR headset – Human body Human Evolution Jennifer Claire Haigh Ambassador	Life – lab box	