

Oak Class, Terms 1 and 2, Cycle A

Journey Into Space	
Subject	Overview of skills, knowledge and activity
Literacy	<p>Reading and writing:</p> <ul style="list-style-type: none"> • Personal recounts (real and fictional) • Stories – retelling and adapting (based on topic) • Poetry – repetition and simple similes (based on topic) • Instructions
Maths	<p>Y1</p> <p>Term specific content:</p> <ul style="list-style-type: none"> • Place value (to 20) • Read and write numbers to 20 (in words and numbers) • Understand 0 as the empty set • Estimate amounts to 30 • Number bonds for 5, 6, 7 and 10 (also derive subtraction facts and subitise) • Double numbers up to double 5 • Count on and back 1, 2 and 3 • 2D shape – recognise squares, circles, triangles and rectangles • 2D shape – discuss sides and vertices (corners) • 2D shape – recognise simple line symmetry • Measure - compare heights and lengths • Describe position, direction and turns using common words (e.g. above, half turn, forward) • Money - recognise all coins and know their value • Money - make amounts in pence • Data – Venn diagrams <p>Reviewing and extending :</p> <ul style="list-style-type: none"> • Numeral formation • Counting reliably <p>Y2</p> <p>Term specific content:</p> <ul style="list-style-type: none"> • Place value to at least 100 (order, compare, find numbers that come between) • Find inequalities (numbers that are <i>greater than</i> or <i>less than</i> other numbers) • Add or subtract 10 or 1 from and to numbers to 100 • Add and subtract multiples of 10 to and from numbers • Add or subtract near multiples of 10 e.g. 11, 12, 21 or 32 • Begin to add and subtract 2-digit numbers • Add several small numbers spotting pairs that make 10 or doubles • Know number bonds for 20 (deriving subtraction facts and subitising) • Begin to know number bonds for all the teens numbers (deriving subtraction facts and subitising) • Double numbers up to double 15 • Begin to add near doubles to 15 • Begin to add and subtract bridging 10 • Count in 2s, 5s and 10s from zero • 2D shape – recognise, name and sort 2D shapes and identify right angles • Measure – begin to measure using centimetres and metres • Position and direction – use the vocabulary of position and direction including right and left and half and quarter turns • Money – find totals of coins and use coins to make given amounts • Data – Venn and Carroll diagrams

Science	<ul style="list-style-type: none"> • Habitats (must provide for needs of living things) • Adopt a micro habitat to observe all year • Seasonal change (including length of day) • Light and Forces at a simple level relating to work on the Solar System
Computing	<ul style="list-style-type: none"> • E-safety • Coding (algorithms and debugging) • Research (aspects of topic) • Uses of ICT (space travel) • Control (linked to robotics in space) • iPad app (Solar Walk) • Colour mixing using ICT to create pictures of planets in Art
History	<ul style="list-style-type: none"> • The Moon landings • How can we find out about them? (explore variety of sources) • Chronology
Geography	<ul style="list-style-type: none"> • Natural features of our planet (continents and oceans) • Recognition of the UK and countries of which it is comprised • Aerial photos of Earth, Moon and planets
Art & DT	<ul style="list-style-type: none"> • Use sketchbooks to record observations in Science (habitats) • Colour mixing in different media • Planet landscapes in different media (paint, pastel, ICT, marbling) • clay • Use axles and wheels to create moon buggies
R.E.	<ul style="list-style-type: none"> • Is it possible to be kind to everyone all the time? (Bible stories that explore kindness) • Why did God give Jesus to the world (The Christmas Story and its implications)
P.E.	<ul style="list-style-type: none"> • Games skills • Gymnastics - travelling
Music	<ul style="list-style-type: none"> • Pitch (taught predominantly through singing) • The Planet Suite - Holst
P.S.H.C.E	<ul style="list-style-type: none"> • Learning skills – Growth Mindsets, independence (Diamond Power), resilience (Emerald Power) • Rights and responsibilities – School Council elections, Golden rules • Discussion rules • Firework Safety • Dreams and goals