**RE:**

**Is it possible to always be right or always be wrong?**

* What is right? How do we know?
* What is wrong? How do we know?
* What is a conscience?
* How do Christians see right and wrong? Why?
* How do Hindus see right and wrong? Why?
* How do Buddhists see right and wrong? Why?
* How does this effect the way Hindus and Christians live their lives?
* Can you always be right or always be wrong?

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**PSHE: Looking at the world around me - environmental responsibility**

* To think about roles in the community and meet with people in different roles
* Understand mental health issues relating to work and how it can affect you (work life/ stress/ friendships)
* Do we do enough for people around us? Our impact?
* What is respect, fairness, kindness and equality?

**ICT:**

* Espresso coding sessions
* Creation of a film using video or movie maker (using space mobile moving model created in D/T)
* Explaining solar system learning for an audience

**MUSIC:**

* War of the worlds and building of suspense in music
* Compare LP sound to MP3 download, explore differences
* Composition of new music

.d,

**MODERN FOREIGN LANGUAGE:**

Revisions of year 4/5 topics;

* Seasons and the weather
* Basic objects and numbers to 100
* Welcomes and goodbye
* Basic household objects

.d,

**ART AND DESIGN:**

* Alizey Khan, Jackson Pollock, Ludek Pesek
* Creating astronomical artwork using 3D shaving foam paint
* Blow art including stencils to create a galaxy themed artwork with planets

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**GEOGRAPHY AND HISTORY:**

* Physical geography; mountains rivers, seas, forests, countries
* Features of the different planets/ moons
* History of space missions
* Learn about who has been into space and the history of space missions especially the mission to the moon

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**SCIENCE:**

* Earth and space; understand the solar system and the orbits around the sun
* Understand how the moon moves
* Explore day and night
* Light; understand how light travels and reflects, how the eye works and how shadows are created

OAK CLASS

AUTUMN TERM 2 > 2019/20

EARTH AND SPACE

.d,

**MATHEMATICS:**

* Fractions x fractions/ whole numbers
* Fractions ÷ whole numbers
* Whole numbers x 2 decimal numbers
* Problem solving > missing integers/ calculations of percentages of numbers/ ratio problems
* Negative numbers involving problems solving
* Acute/ obtuse angles /measuring angles
* Radius/ diameter/ circumference of a circle
* Algebra (simple formulae) number sequences, missing number problems/ finding number which satisfy equations
* Measurement mass, volume, distance and conversions

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**ENGLISH:**

* Creating stories about space adventure and encounters with aliens
* Learning about detail in stories including settings, fantastical characters and flashbacks
* Performance poetry about aliens, stars, planetary bodies
* Understanding non-fiction, fiction and poetry and the differences
* Creating poetry about discoveries, adventures and life in Space.

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**DESIGN TECHNOLOGY:**

* Creating a moving pom pom mobile of the solar system using cogs and pulleys to make it rotate, making sure it is engineered and moves successfully
* Explore gears and levers