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| **Year 4 Topic: “Light and Dark” Autumn Term B: Year 2022/2023**This half term Year 4 will be learning through the topic, “Light and Dark”. Below is a summary of what your child will be covering in each subject, with some suggested activities you could do to support the work done in school. |
| **English:**Our ideas for our writing will come from reading and talking about....* Divali: The story of Rama and Sita.
* The King Who Banned The Dark.
* Hannukah: Judah Saves The Jews.
* Instructions.
* Stories to do with Christmas.

The genres of writing will be stories and instructional texts. Other aspects of English studied will include grammar and punctuation.* Paragraphs.
* Verbs.
* Adverbs.
* Expanded noun phrases and adjectives.
* Speech marks.
* Possessive s.

**Parents please would you:*** Talk to your child about paragraphs and why they are used.
* Point out instructions whenever you see them; food packets, games, etc.
* Talk to your child about adjectives, (describing words) and speech marks.
 | **Maths:****Maths topics:*** Area and what it is.
* The multiplication tables; x3, x6, x 7, x9, 11, x12 & deriving division facts from these.
* Multiplying by 0 and 1.
* Applying and using the multiplication tables.
* Related multiplication facts; (If 6 x 3 =18, then 60 x 3 = 180).
* Subtraction.

**Parents please would you:*** Practise multiplication tables, with your child.
* Look for the use of maths in everyday life.

<https://www.bbc.co.uk/teach/class-clips-video/maths-ks1--ks2-what-is-multiplication/z68fbdm> | **Science:****Electricity**We will be investigating...* How to make a circuit.
* Machines which use electricity.
* Conductors and insulators.
* How to make a switch.
* How to read and write electrical notation.
* How to apply our learnt knowledge to make an artefact/model with an electrical circuit.

**Parents please would you:*** Talk to your children about machines which use electricity in the home.

<https://www.bbc.co.uk/bitesize/topics/zj44jxs> | **Computing****Online Safety and Animation****Online Safety*** Protection from identity theft.
* Digital footprints
* Risks and benefits of installing software/apps.
* Plagiarism (copywrite) and what it is.
* Healthy screen time.

**Animation*** Making a flicker book.
* Using software to create stop motion animation.

**Parents please would you:*** Please explain how all users of the internet have to protect themselves from identity theft.
* Explain the pros and cons of using internet devices.
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| **History/Geography:**We will be finding out how….* Shadows change in length during the course of the day.
* Day and night is caused by the rotation of the Earth.

**Parents please would you:*** Talk to your child about the position of the sun in the morning, compared to its position in the evening before sunset.

<https://www.bbc.co.uk/bitesize/topics/zkbbkqt/articles/zn34r2p> | **R.E:** **From Advent to Christmas**We will be learning about:* Hinduism: What it is and the story of Ganesh, the elephant God.
* Judaism: What it is and the Jewish Sabbath day.
* The Church Liturgical Year & the season of Advent.
* The 3 year cycle of the Gospels read in church.
* The Genealogy of Jesus in Matthew’s Gospel.
* The Nativity according to Matthew’s Gospel and the titles used for Jesus.
* The “O” Antiphons (short prayers), said in Mass, leading up to Christmas.
* Comparing Matthew’s & Luke’s account of the Nativity of Jesus.

**Parents please would you….*** Encourage your child to go to Mass on Sunday and discuss the Gospel readings.
* Point out the “O” Antiphons said in Mass, from the 17th to 24th December.
 | **Other:****PE**: Netball * PE is on Monday. Ensure your child comes to school wearing the correct PE kit on Monday.
* Swimming: We will continue going to Tiller Road swimming pool on Tuesday. Ensure your child comes equipped with; swimming/bathing costume, swimming cap and towel(s) on that day.

**Art/Design:*** Designing Rangoli patterns.
* Using art and craft techniques to create Divali and Guy Fawkes rockets.
* Painting silhouettes against a sunset background.
* Painting storm/lightning scenes.
* Creating Christmas cards.
* Creating calendars.
 | **Other:****Music:*** Learning about chords, identifying the rhythm and choral performances.
* Learning songs to sing for The Junior Carol Concert.

**RSE/PHSCE*** The Uniqueness and diversity of humans.
* Respecting our bodies.
* Physical and emotional changes that happen during puberty.

**Homework:*** Children have reading homework every night. Please sign the reading record when your child has finished reading their book as an indication that the reading book should be changed.
* Spelling tests from the spelling sheet are normally tested on Fridays.
* Times tables tests, under time constraints.
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