

Year 3: Brilliant Light

Essential Learning

By the end of this term, you will have learned...

- about the need for light in order to see things and that dark is the absence of light
- that light is reflected from surfaces
- that light from the sun can be dangerous and that there are ways to protect their eyes
- about how shadows are formed when the light from a light source is blocked by an opaque object
- about patterns in the way that the size of shadows change.
- to create sketch books to record their observations and use them to review and revisit ideas
- to improve their mastery of art and design techniques, including drawing and **colour mixing** when using paint
- about great artists, especially painters and photographers
- to evaluate how language, structure, and presentation contribute to meaning
- to recognise some different forms of poetry
- to prepare poems to read aloud and to perform, thinking carefully about intonation, tone, volume and action
- become familiar with, and take inspiration from, a range of myths and legends.
- how to keep safe in the sun, and why
- some of the skills of friendship and roles and responsibilities of family members
- how some of the actions and work of people around the world help and influence my life
- how certain needs and rights are shared by children around the world



Wow Day

Intro to light topic
Artists and light
Performing poetry

3 weeks:

Poetic Forms and Techniques
Performance poetry

3 weeks:

Light Myths & Legends

Year 3: Brilliant Light / National Curriculum Links

<p>Science</p> <ul style="list-style-type: none"> recognise that they need light in order to see things and that dark is the absence of light notice that light is reflected from surfaces recognise that light from the sun can be dangerous and that there are ways to protect their eyes recognise that shadows are formed when the light from a light source is blocked by an opaque object find patterns in the way that the size of shadows change. 	<p>PSHE</p> <ul style="list-style-type: none"> identify the roles and responsibilities of each member of my family and can reflect on the expectations for males and females identify and put into practice some of the skills of friendship e.g. Taking turns, being a good listener know and can use some strategies for keeping myself safe explain how some of the actions and work of people around the world help and influence my life understand how my needs and rights are shared by children around the world and can identify how our lives may be different know how to express my appreciation to my friends and family
<p>Art</p> <ul style="list-style-type: none"> create sketch books to record their observations and use them to review and revisit ideas improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay] about great artists, architects and designers in history 	<p>Spelling, Grammar & Punctuation</p> <ul style="list-style-type: none"> write from memory simple sentences, dictated by the teacher, that include words and punctuation taught so far draft and write by composing and rehearsing simple sentence structures orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures evaluate and edit by beginning to propose changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences use a wider range of conjunctions, including when, if, because, although use inverted commas to punctuate direct speech. use the forms a or an according to whether the next word begins with a consonant or a vowel [for example, a rock, an open box] use the present perfect form of verbs in contrast to the past tense extend the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although understand and use paragraphs as a way to group related material; explaining the need to start a new paragraph
<p>Geography</p> <ul style="list-style-type: none"> identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night) 	<p>Key science vocabulary:</p> <p style="text-align: center;"><i>light dark---shadow--mirror--bright--dim--reflection--eye--opaque--transparent--translucent--infrared</i> <i>--ultraviolet--ray--beam--absorb--luminous--travels--block--direction--source</i></p>
<p>Key Writing genres</p> <ul style="list-style-type: none"> Poetry Myths & Legends 	<p>Key Maths Topics</p> <ul style="list-style-type: none"> Division methods and inverse operations Fractions of a set of objects Equivalent fractions Comparing & ordering fractions Adding & Subtracting fractions Measuring time in seconds Problem solving with time Statistics: pictograms, bar charts and data tables Geometry