

Long Term Planning 2022 - 2023

Year Group: 5	Class: 5W/5B	Teachers: Miss Wright / Mr Bowen
---------------	--------------	----------------------------------

Autumn Term

Week	Week Beginning	Key Subject Area	Aspect	Main Learning Challenge Question	Quality Text	Text Type English	Possible Maths Links	Enrichment events	Key Vocabulary (taken from Knowledge Organisers)
1	5.9.22	PSHE	Beginning and Belonging	Where do I belong?	Here I am by Patti Kim	SPAG focus Poetry			Respect happy safe relationships courtesy manners wider society mutual respect truthfulness trustworthiness loyalty kindness generosity trust positive welcoming advice emotions support triggers mental wellbeing network of support
2	12.9.22	PSHE	Beginning and Belonging	Where do I belong?	Here I am by Patti Kim	SPAG focus Poetry			
3	19.9.22	Art RE	Tints, tones and shade Dharma Day (Buddhism)	Where do I belong?	Here I am by Patti Kim	SPAG focus Poetry			horizon, hue, perspective  Buddha, compassion, evil, Four Noble Truths, Golden Rule, Jataka Tales, Middle Way, Nirvana, Noble Eightfold Path, Pabbhasara, quotes, truth, Wheel of Dharma, wisdom
4	26.9.22	History	Dynamic Dynasties	What was life like in ancient China?	The Firework-maker's Daughter by Philip Pullman	Informal letter			ancestor, confucianism, composite, deity, imperial, oracle bones, ritual, sacrifice, shaman, smelt, tyrant, virtue
5	3.10.22	History	Dynamic Dynasties	What was life like in ancient China?	The Firework-maker's Daughter by Philip Pullman	Formal letter			ancestor, confucianism, composite, deity, imperial, oracle bones, ritual, sacrifice, shaman, smelt, tyrant, virtue
6	10.10.22	History	Dynamic Dynasties	What was life like in ancient China?	The Firework-maker's Daughter by Philip Pullman	Narrative-setting description			ancestor, confucianism, composite, deity, imperial, oracle bones, ritual, sacrifice, shaman, smelt, tyrant, virtue
7	17.10.22	History Computing	Dynamic Dynasties Switched On computing unit 5.1 - We are game developers	What was life like in ancient China?	The Firework-maker's Daughter by Philip Pullman	Narrative-setting description			ancestor, confucianism, composite, deity, imperial, oracle bones, ritual, sacrifice, shaman, smelt, tyrant, virtue  Algorithm, background, bug, code, debug, iterative development, logical reasoning, program, Scratch, sprite
<b>Half Term</b>									
8	31.10.22 (4 days)	History	Dynamic Dynasties	What was life like in ancient China?	The Firework-maker's Daughter by Philip Pullman	Persuasive leaflets			ancestor, confucianism, composite, deity, imperial, oracle bones, ritual, sacrifice, shaman, smelt, tyrant, virtue

9	7.11.22	Geography	Investigating our World	What are the features of a map?	The Firework-maker's Daughter by Philip Pullman	Persuasive leaflets			climate, ecosystem, life expectancy, population density, topography
10	14.11.22	Geography	Investigating our World	What are the features of a map?	Non-fiction text-Earth and space	Newspaper report			climate, ecosystem, life expectancy, population density, topography
11	21.11.22	Science	Forces and mechanisms	What are forces and how do they affect Earth?	Non-fiction text -Earth and space	Newspaper report		Cambridge science centre-Workshop 'Skills for Space' <a href="https://cambridge-sciencecentre.org/schools/shows/ks2/">https://cambridge-sciencecentre.org/schools/shows/ks2/</a>	mechanisms, gravity, air resistance, water resistance, friction, levers, pulleys, gears
12	28.11.22	Science	Earth and Space	Why do we have day and night?	Non-fiction text-Earth and space	Newspaper report			Solar system, phases of the moon, Sun, Earth, spherical bodies, planet, rotation, axis
13	5.12.22	Design Technology	Moving Mechanisms	What is a pneumatic system and how is it useful?	Non-fiction text-Hidden figures	Biography			actuator, analysis, compress, compressor, deflate, design criteria, force, gas, inflate, iterative, jack, lever, liquid, nozzle, particle, piston, plunger, pneumatic system, pneumatics, pressure, prototype, reservoir, solid, syringe, system, valve
14	12.12.22	RE Computing	Dharma Day Switched On computing unit - We are game developers	How do Buddhists celebrate Dharma Day?	Non-fiction text-Hidden figures	Biography			Buddha, compassion, evil, Four Noble Truths, Golden Rule, Jataka Tales, Middle Way, Nirvana, Noble Eightfold Path, Pabbhasara, quotes, truth, Wheel of Dharma, wisdom  Algorithm, background, bug, code, debug, iterative development, logical reasoning, program, Scratch, sprite
15	19.12.22 (3 days)	Computing	Switched On computing unit 5.1 - We are game developers		Non-fiction text-Hidden figures	Biography			Algorithm, background, bug, code, debug, iterative development, logical reasoning, program, Scratch, sprite

	Frequency of Teaching	Aspects to be Taught in Weeks 1 - 7	Aspects to be Taught in Weeks 8 - 15
PSHE:	Weekly or Blocked as a unit	Beginning and Belonging (BB5/6) (block)	My Emotions (ME 5/6) Family and Friends (FF 5/6) (Weekly)
Music:	Weekly	Charanga Units	Charanga Units
Computing:	Weekly or Blocked as a unit	5.1 - We are game developers	5.1- We are game developers
PE:	Twice Weekly		

Spring Term

Week	Week Beginning	Key Subject Area	Aspect	Main Learning Challenge Question	Quality Text	Text Type English	Possible Maths Links	Enrichment events	Key Vocabulary (taken from Knowledge Organisers)
1	5.1.23 (2 days)	Art	Line, Light and Shadows	How can I add light and shadow to my sketches?		Advice leaflet			Lifestyle, nutrition, hygiene, health, portion
2	9.1.23	Geography	Sow, Grow and Farm	What is agricultural land and why is it so important for the UK?	Variety of non-fiction texts	Non-chronological report			Carpel, climate, fertiliser, irrigation, livestock, pesticide, stamen
3	16.1.23	Geography	Sow, Grow and Farm	What is agricultural land and why is it so important for the UK?	Variety of non-fiction texts	Non-chronological report			Carpel, climate, fertiliser, irrigation, livestock, pesticide, stamen
4	23.1.23	Geography	Sow, Grow and Farm	What is agricultural land and why is it so important for the UK?	Variety of non-fiction texts	Non-chronological report			Carpel, climate, fertiliser, irrigation, livestock, pesticide, stamen
5	30.1.22	Geography  Design Technology	Sow, Grow and Farm  Eat the seasons	What is agricultural land and why is it so important for the UK?  What are the benefits of seasonal eating?	Boy in the Tower by Polly Ho-Yen	Narrative			Carpel, climate, fertiliser, irrigation, livestock, pesticide, stamen  Seasonality, dicing, peeling, grating, nutrition, consumer
6	6.2.23	PSHE	Healthy Lifestyles (HL 5/6) & (DE 5/6)	What makes a healthy lifestyle?	Boy in the Tower by Polly Ho-Yen	Narrative		Safer Internet Day 14.2.23 Healthy and Safer Lifestyles PSHE	Abstract, contrast, form, observation, opacity, shade, texture, tone  Seasonality, dicing, peeling, grating, nutrition, consumer
<b>Half Term</b>									
7	20.2.23	Science	Human Reproduction and Ageing	Do all living things have the same life cycle?	Boy in the Tower by Polly Ho-Yen	Narrative			Acne, adolescent, amphibian, birth, blastocyst, breasts, cell, development, egg, embryo, emotion, fallopian tube, female, fertilisation, foetus, gestation, hormone, infant, larva, male, mammal, menopause, metamorphosis, offspring, ovary, penis, period, puberty, pubic hair, reproduction, reptile, semen, sperm, testicle, umbilical cord, urethra, uterus, vagina
8	27.2.23	Science	Human Reproduction and Ageing	Do all living things have the same life cycle?	Boy in the Tower by Polly Ho-Yen	Narrative			Acne, adolescent, amphibian, birth, blastocyst, breasts, cell, development, egg, embryo, emotion, fallopian tube, female, fertilisation, foetus, gestation, hormone, infant, larva, male, mammal, menopause, metamorphosis, offspring, ovary, penis, period, puberty, pubic hair, reproduction, reptile, semen, sperm, testicle, umbilical cord, urethra, uterus,

									vagina
9	6.3.23	Science	Human Reproduction and Ageing	Do all living things have the same life cycle?	Boy in the Tower by Polly Ho-Yen	Narrative			Acne, adolescent, amphibian, birth, blastocyst, breasts, cell, development, egg, embryo, emotion, fallopian tube, female, fertilisation, foetus, gestation, hormone, infant, larva, male, mammal, menopause, metamorphosis, offspring, ovary, penis, period, puberty, pubic hair, reproduction, reptile, semen, sperm, testicle, umbilical cord, urethra, uterus, vagina
10	13.3.23	PSHE RE	Relationships and Sex Education (RS 5) Holi (Hinduism)	How do different religions worship and celebrate?	Non-fiction - The big book of festivals	Explanation		Bharat Hindu Samaj temple Peterborough	Dharma, karma, kathak, Krishna, mehndi, pichkaris, Radha, saffron, sindoor, varna
11	11.3.23	RE	Ramadan and Eid al-Fitr (Islam) Passover (Judaism)	How do different religions worship and celebrate?	Non-fiction - The big book of festivals	Explanation			Allah, Eid al-Fitr, Hijri calendar, iftar, Jibreel, mosque, Muslim, Qur'an, Ramadan, Sawm, secular Charoset, Exodus, Haggadah, matzah bread, Passover, Pesach, plague, Seder plate, synagogue,
12	12.3.23	Computing Art	Staying safe online! Nature's Art	How can I add light and shadow to my sketches?	Non-fiction - The big book of festivals	Explanation			Cipher, codes, cryptanalysis, cryptography, decrypt, encode, message, Morse code, semaphore, transmit

	Frequency of Teaching	Aspects to be Taught in Weeks 1 - 7	Aspects to be Taught in Weeks 8 - 15
PSHE:	Weekly or Blocked as a unit	Healthy Lifestyles (HL 5/6) & (DE 5/6) (Weekly)	Relationships and Sex Education (RS 5) (Block)
Music:	Weekly	Charanga Units	Charanga Units
Computing:	Weekly or Blocked as a unit	Unit 5.2- We are cryptographers	Unit 5.2- We are cryptographers
PE:	Twice Weekly		

#### Summer Term

Week	Week Beginning	Key Subject Area	Aspect	Main Learning Challenge Question	Quality Text	Text Type English	Possible Maths Links	Enrichment events	Key Vocabulary (taken from Knowledge Organisers)
1	17.4.23 (4 days)	PSHE RE	Working Together (WT 5/6) Pentecost (Christianity)	What makes a good team? What is Pentecost?		Poetry			Skills, strengths, self awareness, effective, efficient, improvement, employment, employee, employer, listen, listener, persevere, resilient, resilience, feedback, sensitive, constructive  baptism, Bible, church, community, disciple, dove,

									fruits of the Spirit, God the Father, God the Holy Spirit, God the Son, Holy Trinity, Pentecost, saint, Shield of the Trinity, symbol
2	24.4.23	History	Groundbreaking Greeks	Were the Greeks really that groundbreaking?	Greek Myths- Theseus and the Minotaur	Narrative- Myths		Fitzwilliam museum <a href="https://schools.fitzmuseum.cam.ac.uk/modules/the-ancient-gre-eks-bookable-session/">https://schools.fitzmuseum.cam.ac.uk/modules/the-ancient-gre-eks-bookable-session/</a>	acropolis, architect, Athenian, citadel, city state, civilisation, democracy, empire, mathematician, mythology, Parthenon, philosopher, warrior
3	1.5.23 (4 days)	History	Groundbreaking Greeks	Were the Greeks really that groundbreaking?	Greek Myths- Theseus and the Minotaur	Narrative- Myths	Ancient Greek number system		acropolis, architect, Athenian, citadel, city state, civilisation, democracy, empire, mathematician, mythology, Parthenon, philosopher, warrior
4	8.5.23	History	Groundbreaking Greeks	Were the Greeks really that groundbreaking?	Greek Myths- Theseus and the Minotaur	Narrative- Myths	Geometry		acropolis, architect, Athenian, citadel, city state, civilisation, democracy, empire, mathematician, mythology, Parthenon, philosopher, warrior
5	15.5.23	History	Groundbreaking Greeks	Were the Greeks really that groundbreaking?	Greek Myths- Theseus and the Minotaur	Narrative- Myths			acropolis, architect, Athenian, citadel, city state, civilisation, democracy, empire, mathematician, mythology, Parthenon, philosopher, warrior
6	22.5.23	History DT	Groundbreaking Greeks Architecture	Were the Greeks really that groundbreaking?  How has architecture changed over time?	Who Let the Gods Out? Maz Evans	Persuasive writing- job advert			acropolis, architect, Athenian, citadel, city state, civilisation, democracy, empire, mathematician, mythology, Parthenon, philosopher, warrior  architecture, design, culture, technology, functional, aesthetic, framework, braces, struts, mechanisms, construction
<b>Half Term</b>									
7	5.6.23	Science Art	Properties and Changes of Materials Expression	Is it possible to separate different mixtures or are all changes irreversible?	Who Let the Gods Out? Maz Evans	Persuasive letter	Measurement	Cambridge Science Centre - 'Change Matters' show  <a href="https://cambridge-sciencecentre.org/schools/shows/ks2/">https://cambridge-sciencecentre.org/schools/shows/ks2/</a>	absorbent, chemical reaction, conduct, filter, solute, solution, solvent, condense, conductor, dissolve, electrically conductive, evaporate, filtration, gas, heterogeneous mixture, homogeneous mixture, insoluble, insulator, liquid, particle, thermally conductive  art movement, Expressionist, iconic
8	12.6.23	Science	Properties and Changes of Materials	Is it possible to separate different mixtures or are all changes irreversible?	Who Let the Gods Out? Maz Evans	Diary entry			absorbent, chemical reaction, conduct, filter, solute, solution, solvent, condense, conductor, dissolve, electrically conductive, evaporate, filtration, gas, heterogeneous mixture, homogeneous mixture, insoluble, insulator, liquid, particle, thermally conductive

9	19.6.23	Science	Properties and Changes of Materials	Is it possible to separate different mixtures or are all changes irreversible?	Non-fiction-properties of materials	Explanation			absorbent, chemical reaction, conduct, filter, solute, solution, solvent, condense, conductor, dissolve, electrically conductive, evaporate, filtration, gas, heterogeneous mixture, homogeneous mixture, insoluble, insulator, liquid, particle, thermally conductive
10	26.6.23	Science Art	Properties and Changes of Materials Mixed Media	Is it possible to separate different mixtures or are all changes irreversible?	Non-fiction-properties of materials	Explanation			absorbent, chemical reaction, conduct, filter, solute, solution, solvent, condense, conductor, dissolve, electrically conductive, evaporate, filtration, gas, heterogeneous mixture, homogeneous mixture, insoluble, insulator, liquid, particle, thermally conductive  media, fabric, scale, casting, decoupage, collage, marbling, origami
11	3.7.23	Science	Properties and Changes of Materials	Is it possible to separate different mixtures or are all changes irreversible?	Non-fiction-properties of materials	Explanation			absorbent, chemical reaction, conduct, filter, solute, solution, solvent, condense, conductor, dissolve, electrically conductive, evaporate, filtration, gas, heterogeneous mixture, homogeneous mixture, insoluble, insulator, liquid, particle, thermally conductive
12	10.7.23	RE Computing	Guru Arjan Gurupurab (Sikhism) Unit 5.5- We are adventure gamers	Who is Guru Arjan Gurupurab?	Stars with Flaming Tails: Poems by Valerie Bloom 'You are'	Poetry - diversity and communities			Adi Granth, Amrit Sarovar, Chardi Kala, dasvandh, Gurmukhi, Guru Granth Sahib, hymns, Ik Onkar, langar, martyr, Mool Mantar, sewa  Abstraction, creative commons, colour value, hyperlink, MP3, pixel, safe search
13	17.6.23 (3 days)	PSHE Computing	Managing Change (MC 5/6) Unit 5.5- We are adventure gamers		Stars with Flaming Tails: Poems by Valerie Bloom 'You are'	Poetry - diversity and communities			Abstraction, creative commons, colour value, hyperlink, MP3, pixel, safe search

	Frequency of Teaching	Aspects to be Taught in Weeks 1 - 7	Aspects to be Taught in Weeks 8 - 15
PSHE:	Weekly or Blocked as a unit	Rights, Rules & Responsibilities (RR 5/6) (Weekly) & Working Together (WT 5/6) (Block)	Diversity and Communities (DC 5/6) (Weekly)
Music:	Weekly	Charanga Units	Charanga Units
Computing:	Weekly or Blocked as a unit	Unit 5.5- We are adventure gamers	Unit 5.5- We are adventure gamers
PE:	Twice Weekly		