Stalyhill Junior School

Year 5 Curriculum Map

	Autumn		Spring		Summer	
English	**Place Value of Punctuation & Grammar unit**	**Core Text: Jack & the Baked Beanstalk**	**Core Text: Cosmic (Sci-fi)**	**Core Text: Holes Digital Literacy: Avatar**	**Core Text: William & the Missing Masterpiece**	**Digital Literacy: The Present**
	Non-fiction: Non-chronological report (solar system) Heading Brief introduction Subheadings Technical vocabulary Pictures and captions Third person – formal Statements giving factual information Subordinating conjunctions Relative clauses Conjunctive adverbs Commas for lists Apostrophes for possession Parentheses	**Narrative:** Innovative rewrite **Non-fiction:** Recount science experiment (dissolving sugar) Title – question Prediction/hypothesis Equipment list Sequenced, chronological steps Results/observations/conclusion Diagrams Present tense First person Commands Detailed information Technical vocabulary Subordinating conjunctions Modal verbs Expanded noun phrases Adverbs/adverbials of manner Adverbs/adverbials of time Conjunctive adverbs Relative clauses Parentheses , () –	**Narrative:** Continuation of chapter **Non-fiction:** Instructions (how to slay a minotaur) Title statement List of equipment/materials Sequence, chron steps Diagrams or illustrations Present tense Imperative verbs (commands) Detailed information Co-ordinating conjunctions Subordinating conjunctions Expanded noun phrases Commands, using imperative Adverbs of manner Adverbs of time Commas in a list Parentheses Apostrophes for possession Commas	**Narrative:** Setting description **Non-fiction:** Non-chronological report (Pandora) Heading Brief introduction Subheadings Technical vocabulary Pictures and captions Third person – formal Statements giving factual information Subordinating conjunctions Relative clauses Conjunctive adverbs Commas for lists Apostrophes for possession Parentheses	**Narrative:** Sequel **Non-fiction:** Formal letter (role of assistant) Address Date Salutation Brief introduction Chronological order First person Past tense Facts and opinions Rhetorical questions Sign o_ Subordinating conjunctions Conjunctive adverbs Relative clauses Expanded noun phrases Adverbs/adverbials of time Adverbs/adverbials of place Parentheses Apostrophes plural possession	**Narrative:** Alternative ending **Non-fiction:** Balanced argument
	Poetry: The Most Dangerous Animal in the World – Valerie Bloom - 1 week Limericks - 1 week					
Maths	Place Value - numbers to 1, 000, 000 including ordering, reading, writing and rounding Addition & Subraction - mental strategies, adding/subtracting numbers with 4 or more digits and use of the inverse	Multiplication & Division - multiples, factors, prime, square, cubed numbers, multiplying/dividing by 10, 100, 1000 Fractions A - equivalent fractions, improper and mixed number fractions and adding and subtracting fractions Negative numbers - Understand and compare & order negative numbers,	Fractions B - multiplying fractions and fndng fractions of amounts and quantities Multiplication & Division - in this unit, the children will be learning the formal written methods for multiplying 4 digits by 1 digit, 2 digits by 2 digits and dividing 4 digits by 1 digit	Decimals & Percentages - decimals up to 2 decimal places, equivalent fractions and decimals for tenths, hundredths and thousandths, understanding what percentages are Perimeter & Area - perimeter of polygons and rectilinear shapes, area of compound shapes Statistics - reading and interpreting line graphs, tables and timetables	Properties of shape - understand and use degrees, classify, measure, estimate and draw angles, 2D & 3D shapes, reugular and irregular polygons Position & Direction - plot & read coordinates, translation, symmetry and reflection Decimals - Use known facts to add and subtract decimals within 1, complements to 1,add and subtract decimals across 1	Decimals - add & subtract decimals with the same number of decimal places, add & subtract decimals with different numbers of decimal places, use efficient strategies for adding and subtracting decimals Converting units - convert units of length, time, timetables, metric & imperial measures Volume - compare & estimate volume & capacity
Science	Materials In this unit, pupils will learn about common properties of materials, including	Animals including Humans (puberty)	Earth and Space - In this unit, the aim is to give the children a basic overview of Earth and its place in our Solar System. The children will be taught to describe the movement of the Earth, and other		Forces The children are going to revisit previous learning within forces before expanding upon	Life Cycles (living things and their habitats)

Stalyhill Junior School

	transparency, conductivity and magnetism. They will conduct a range of investigations to test the properties of given materials. They will also learn about reversible and irreversible changes, and test whether different substances dissolve in liquid.	-In this unit, the children will learn about the life cycle of humans. This will include learning about how the body changes during puberty.	planets, relative to the Sun in the solar system, the movement of the Moon relative to the Earth, and be able to explain day and night and the apparent movement of the sun across the sky.		this. They are going to work scientifically to explore and discover knowledge linking to key scientific areas and enquiries linking to air and water resistance.	In this unit the children will learn about life cycles of different animals:mammals, insects and birds. Children will also understand the life cycle of plants.
Computing	Creating Media – Vector Drawing In this unit, pupils will recognize that images in vector drawings are created using shapes and lines. They will use Google Drawings to create complex images and practice digit\al skills such as grouping and duplicating.	Data and Information - Flat-file Databases During this unit, pupils will look at how a flat-file database can be used to organize data in records. They will use filters to order and answer questions about data and create graphs and charts to present information clearly.	Computer Systems and Networks – Sharing Information In this unit, children are going to be made aware of a range of systems that exist within everyday life. Children are going to understand how inputs affect outputs within these systems.	Creating Media – Video Editing Within this unit, children are going to understand a range of techniques and devices for making a short, silent movie. This is to help use motion effects to add tension, drama and value to the video that will be produced.	Programming – Selection in Physical Computing (using Micro-controllers – Crumbles) Children will program the micro-controllor to an LED light. Connect the controller to multiple devices. Children will learn to use controlled loops and a selection of controlled devices.	Programming - Selection in Quizzes (using Scratch) Children will learn how to create, test and evaluare a range of quizzes using scratch.
History		Ancient Greece – An In-depth Study - In this unit, children use a range of sources to find about the life and achievements of the Ancient Greeks. Through their investigations they find out about the city states of Athens and Sparta, warfare and seamanship, everyday life, beliefs, culture, and through Greek mythology, some of the key events and individuals from this period.			How did the Industrial Revolution Impact Stalybridge? Children are going to learn all about the impacts of the industrial revolution to Stalybridge and how this has affected the area today. Children are going to persuade somebody to buy a mill in Stalybridge today.	
Geography	Our United Kingdom - in this unit we will look at where the UK is within Europe and then concentrate on the countries within the UK. We will explaore what human and physical features are and take a more detailed look at the biomes of the UK. We will finish by looking at the effects of coastal erosion and natural and renewable energy.			Marvellous Mountains and Wonderful Weather (walk up the hill) - in this unit we will learn how mountains are formed, using 6/8 grid referneces, mountain weather and how the features change at higher altitudes and weather forecasts. We will also be looking at Edmund Hillary, Tenzing Norgay and Junko Tabei.		North America In this unit children will learn key human and physical geography feautres linking to the USA. Children will learn about what the USA imports and exports. Children will develop their knowledge and understanding of the equator, longitude and latitude.
DT		Designer Festive Decoration (Christmas) **-** in this unit the children will evaluate and design their own festive decoration using running stitch, blanket stitch and straight stitch.		Food Technology - Soup (celebrating culture and seasonality) - in this unit we will be discussing 'What is healthy?', looking at the work of Alexis Soyer, evaluating soups, seasonal food, making our	Gears & Pulleys (Victorian toys) In this unit the children will get to understand gears and pulleys better and make a Victorian Fairground toy	

Stalyhill Junior School

				own soups and safety and hygiene.		
Art	William Morris and Andy Goldsworthy In this unit we will create outdoor art inspired by the unique works of Andy Goldsworthy before comparing and contrasting his art with William Morris'.		Amy Eisenfeld and Rae Woolnough - in this unit, the children will study the workmof both artists and experiment with both techniques before creating a galaxy picture using the wet felt technique.			Technical drawing, perspective & porportion (Architecture of New York) - in this unit the children will study the architecture of New York. They will also be looking at architects, in particular William Van Alen, famous for The Chrysler Building and design and build their own New York style skyscraper.
P.E	Rugby Swimming	Football Swimming	Dance Gym	Badminton Netball	OAA Rounders	Athletics Swimming
PSHE	What is peer influence? How do people behave differently online? What is personal space? What is discrimination?		How can I protect the environment? Why are age restrictions important? What are the benefits and drawbacks of using technology? What would I like to be?		What are the benefits of sleep? What is good hygiene? How can I help in an emergency? When is a situation becoming risky or unsafe?	
R.E	Why do some people think God exists? The children will consider who believes in God and whether God is 'real'. They will consider reasons for believing and not believing in God.	What would Jesus do? Can we live by the values of Jesus in today's world? The children will learn about Jesus' teachings on a range of values , including love and forgiveness, generosity, fairness etc. The children will consider the question,'What would Jesus do?'	If God is everywhere, why go to a place of worship? The children will learn about different places of worship and the importance of them for different religious communities. They will consider the question, 'Are places more important than people?'	Should religious communities do more to care for the earth?	What does it mean to be a Muslim in Britain today? The children will learn about the 5 Pillars of Islam, the importance of pilgrimage for Muslims and what guidance Muslims turn to on their journey through life.	Inter-Faith Week The children will learn from a range of speakers that represent the religions studied over the year in school. They will have the opportunity to sample elements of others' religions and cultures, including food, clothing and special objects. They will hear first-hand accounts of faith and worship and what life is like for people of different faiths in Britain today.
Music	Livin' on a prayer (Rock) The children will listen to a range of pieces of music from the rock genre and will be able to identify some of the instruments played. They will appraise the music they listen to and use these pieces as inspiration for their own performances.	Classroom Jazz 1 The children listen to a range of music from the Jazz genre and will be able to describe common features of Jazz music. They will use what they have heard to develop their own performances in groups to share.	Make you feel my love (Pop) The children will listen to an appraise pop ballads thinking about how they are structured and what the key features of this style is. They will have the opportunity to sing, play, improvise and compose their own music.	The fresh prince of Bel-Air (Hip-Hop) The children will have the opportunity to listen to a range of music from the hip-hop genre. They will be bale to talk about the style of music and recognise key features such a the instruments and voices. They will compose and perform their own hip-hop music.	Dancing in the street (Motown) The children will listen to a range of Motown music and be able to talk about the grove and soulfulness of the music. They will create and practise their own performances to share with their class.	Reflect, rewind & replay The children will revisit the genres of music they have listened to this year and will have the opportunity to practice and perform their own music.
French	This term, the children will be creating simple sentences using J'ai/Tu as (I have/ You have), asking questions and looking at the story 'Le chenille qui fait des trous' and song 'Dans ma trousse'. We will also be starting to use bi-lingual dictionaries and looking at the silent letter rules.		This term the children will continue to build on their skills from Autumn. They will complete a Mini-book Hungry Monster Project, learn how to use a dictionary and know the meaning of the words singular and plural?		This term children will learn to write and say simple sentences to describe people, places, things and actions using a language scaffold. They will write sentences from memory with understandable accuracy, know that adjectives must agree with the noun in the singular and plural and know how to write a negative sentence in French.	

Stalyhill Junior School
