# Swarland Primary School Curriculum

The following document aims to give an overview of the curriculum delivered at our school for our KS2 pupils. It has been designed to provide rigour, challenge, engagement, continuity and progression with breadth and depth of subject knowledge.

It has been constructed using our curriculum principles which can also be downloaded from our website.

The curriculum is a working document and subject to change as it is adapted to cater for individual needs and children's interests.

		Sv	varland Primary So	chool Long Term P	lan For Religious l	Education Cycle	
		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
KS2	CYCLE A	What is God like & how does believing in God influence people's lives? (Greek/Roman)	How and why do religious people celebrate festivals? (Diwali) Why is Christmas called Festivals Of Light?	Who was Guru Nanak& what stories are told about him? What are the 5K's and what do they mean?	What are the stations of the cross and why are they in many churches?	How do we decide what is right & wrong? What do Christians say is right & wrong? (10 commandments/ British values)	Cultural topic
KS2	CYCLE B	compare and commusi?	How and why should we care for the natural word?  What special foods are eaten at Christmas and why?	What is the difference between different denominations of Islam - sunni, shia, sufi?	What is a mosque and how is it used?  What happened to Jesus during Holy week?	What does it mean to be a Hindu? (home & shrines)	Cultural topic.
KS2	CYCLE <b>C</b>	What is harvest and how is it celebrated in different parts of the world?	What is the Epiphany and why is it important to Christians? (Non Jewish magi - universal religion/significance)	Who was Moses and what stories are told about him?  What is the Passover & why do Jewish people celebrate it?	What is lent and what do Christians do during lent and why?	What are the 5 pillars of Islam?	Cultural topic.
KS2	CYCLE <b>D</b>	Identify 2/3 world or local problems and suggest ways to solve the problem.	What is the meaning behind some of the advent traditions? (Christingle).	What miracles did Jesus do when he was alive?  Do miracles happen today?	What does the resurrection of Jesus mean?	Reflecting on your own life, thinking about the religions you have studied, what are the best rules to live by and why? British values.	Cultural topic.

	Swarland Primary School Long Term Plan For Mathematics											
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Place value	Place Value	Place Value	Place Value	Addition & Subtracti on	Addition & Subtracti on	Addition & Subtracti on	Addition & Subtracti on	Measures Length Perimeter	Measures Length Perimeter	Multiplica tion & Division	Multiplica tion & Division
Spring	Multiplica tion & Division	Multiplica tion & Division	Multiplica tion & Division	Multiplica tion & Division	Shape	Shape	Shape	Fractions & Decimals	Fractions & Decimals	Fractions & Decimals	Fractions & Decimals	Fractions & Decimals
Summer	Time	Time	Time	Volume & Capacity	Volume & Capacity	Statistics	Statistics	Addition & Subtractio n	Addition & Subtractio n	Multiplicati on & Division	Fractions & Decimals	Fractions & Decimals

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Theme: Greeks	eme: Greeks			Theme: The Sea		
Healthy food.		Safe use of drugs and medicir	nes.	Water safety, people who help	us.	
To understand and apply the	e principles of a healthy and varied	Safe storage of these medicin	nes.	Swimming skills.		
diet		E-Safety		Preparing for residential - beir	ng away from home for the fir	
Know a variety of fables wit	th their morals.	Use technology safely, respec	tfully and responsibly; know a	time. Managing feelings and be	haviours.	
Discuss and understand mor	rals in a fable.	range of ways to report conce	rns and inappropriate behaviour	SEAL: Relationships		
SEAL: New beginnings		SEAL: Going For Goals		Knowing myself		
Belonging		Knowing myself		I can tell when something is my	/ fault and when	
I know something about eve	ryone in my class.	I can tell you about myself as	a learner.	something is not my fault.		
I know that I am valued at:	school.	I can use my strengths as a le	arner.	I can take responsibility for m	y behaviour.	
I know how to make someon	e feel welcomed and	I know that I am responsible	for my own learning and	I can tell you the things that h	urt my feelings.	
valued at school.		behaviour.		Understanding my feelings		
I know what it feels like to	be unwelcome.	I know what I need to learn e	ffectively.	I can express feelings of guilt.		
I know how to join a group.		I know how my feelings can in	fluence my learning.	I can say when I might feel guilty. I know when I will feel guilty and use this when		
Self-awareness		Setting a realistic goal				
I can tell you one special th	ing about me.	I can foresee obstacles and p	lan to overcome them	I make a choice.		
Understanding my feelings		when I am setting goals.		Managing my feelings		
I know how it feels to be ho	appy, sad, scared or	Planning to reach a goal		I can tell when I feel ashamed	about something.	
excited, and can usually tell	if other people are	I can set success criteria so t	hat I will know whether	I know when to tell someone ab	oout it.	
feeling these emotions.		I have reached my goal.		I know some things to do when I feel guilty.  Understanding the feelings of others  I can understand how I might hurt others.  I know how most people feel when they lose something or someone they love.		
I can predict how I am goin	g to feel in a new	I can break down a goal into a	number of steps and			
situation or meeting new pe	ople.	wait for the result.				
Understanding the feelings	s of others	I know how others can help m	e to achieve my goals			
I know how it feels to be ho	appy, sad or scared, and	and how I can help others.				
can usually tell if other peo	ple are feeling these	Managing my feelings		Social skills		
emotions.		I know how it feels to do or s	tart something new, and	I can tell you how I can make s	omeone who is	
Managing my feelings		some ways to cope with these	feelings.	important to me happy.		
I know how it feels to do or	start something new, and	I can manage my feelings and	usually find a way to	I can tell you some ways to ma	ke amends if	
some ways to cope with the	se feelings.	calm myself down when necess	sary.	I have done something cruel or	unkind.	
I can manage my feelings ar	nd usually find a way to	Social skills		I can tell you how I feel about	the important people	
calm myself down when nece	essary.	I can give and accept a compli	ment.	or animals in my life.		
Social skills		Making choices		I know some ways to celebrate	the life of someone	
I can give and accept a com	pliment.	I know some more ways to sol	ve a problem.	I care about.		
Making choices		Understanding rights and resp	oonsibilities	I can tell you about someone th	nat I no longer see.	
I know some more ways to s	solve a problem.	I can contribute towards mak	ing a class charter.	I understand that we can reme	mber people even if	
Understanding rights and re	esponsibilities	I understand my rights and re	sponsibilities in the	we no longer see them.		
I can contribute towards m	aking a class charter.	school.		Making choices		
I understand my rights and	responsibilities in the	I understand why we need to	have different rules in	I know how to make a good cho	ice.	
school.		different places and know who	at the rules are in	I can take responsibility for w	hat I choose to do.	
I understand why we need t	to have different rules in	school.				
different places and know v	vhat the rules are in					
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school.

Autumn Term	Spring Term	Summer Term
Theme: Read All About It!	Theme: Romans	Theme: Bringing Books To Life
E-safety, cyber bullying.	Stranger danger	Anti-bullying
Internet safety, online games, understanding cyber bullying	To know what to do if they come across a stranger, how to act	Recognising different forms of bullying, knowing who to
and its different forms and knowing how to report it	when on school trips, school behaviour policy, being good	report bullying to.
Bonfire night safety rules.	buddies. Road safety	Transitions.
Knowing how to stay safe with fireworks on Bonfire night.	Crossing roads safely, walking to and from school safely, how	Circle time and discussions to support children's transition to
SEAL: Getting on and falling out	to be safe when cycling, playing safely.	a new year group or a new school.
Friendship	SEAL: Good to be me	SEAL: Changes
I know how to:	Knowing myself	Knowing myself
look and sound friendly;	I know about myself and how I learn.	I know that change can be really good and can tell you
be a good listener (taking turns);	I can extend my learning.	about some changes that have made our lives much
give and receive compliments;	I can tell you the things I am good at.	better.
see things from someone else's point of view.	I can recognise when I find something difficult and	I know that everybody goes through many different sorts
I can tell you lots of ways to give 'friendship tokens' to	do something about it or cope with how that makes	of change all the time.
other people.	me feel.	I can tell you about some of the things that have changed
Seeing something from someone else's point	Understanding my feelings	in my life, and how I feel about them.
of view	I can tell you what feeling surprised is like.	I know that what we feel and think affects what we do
I know how to see things from someone else's point of	I can tell you whether I like surprises or I like things	(how we behave).
view.	to stay the same.	I can tell you why I behave as I do when I am
Working together	I can explain what hopeful and disappointed mean.	finding a change difficult.
I can take on a role in a group and contribute to the	I understand why we sometimes fight or run away	Understanding my feelings
overall outcome.	when we feel threatened.	I know that even changes we want to happen can
I can discuss in a group how well we are working	I know why it is sometimes important to stop and	sometimes feel uncomfortable.
together.	think when we feel angry or stressed.	I can tell you how I would feel if a change that
Managing feelings - anger	Managing my feelings	I didn't want to happen was imposed on me.
I know:	I can think about my worries and decide what I	I know some of the reasons that change can feel
what my triggers for anger are;	might do about them.	uncomfortable and scary.
how our bodies change when we start to get angry;	I can tell when I should share a worry.	Understanding the feelings of others
some ways to calm down when I start feeling angry.	I know that most people have worries.	I can sometimes understand why other people are behaving
I understand why it is important to calm down before I	I can stop and think before I act.	as they are when they are finding a change difficult.
am overwhelmed by feelings of anger.	I can recognise when I am beginning to get upset	Managing my feelings
I can tell you some of the ways that I can stop myself	or angry and have some ways to calm down.	I know some ways of dealing with the feelings that
being overwhelmed by feelings of anger.	I can use strategies to help me cope with feelings	sometimes arise from changes.
I know how it feels to be overwhelmed by feelings of	of disappointment and feelings of hopelessness.	Planning to reach a goal
anger.	I can choose when to show my feelings and when	I can tell you about a plan I have made to change
Resolving conflict	to hide them.	something about my behaviour.
I can use peaceful problem solving to sort out difficulties.	I can tell if I have hidden my feelings.	I can think about and plan to overcome obstacles.
I can tell you what a 'win-win' solution is and always try	I can tell when it is good to relax.	Belonging to a community
to find one in a conflict situation.	I can relax when I want to.	I can tell you how it feels to belong to a group, and
	Standing up for myself	know it is important for everyone.
	I can choose to act assertively.	
	I know how to be assertive.	
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# CYCLE D

## Autumn Term

# Spring Term

# Summer Term

### Theme: Tudor Times

Belonging - family units.

Ancestry and the importance of different families and their make ups. Elizabeth First, Henry  $8^{th}$  - e-safety tips from Horrible Histories when e-mailing or communicating with others via social media.

SEAL: Getting on and falling out

### Friendship

I know that my relationships are all different and that different ways of behaving are appropriate to different types of relationships.

I can accept and appreciate people's friendship and try not to demand more than they are able or wish to give. I know that sometimes difference can be a barrier to friendship.. I try to recognise when I, or other people, are prejudging people, and I make an effort to overcome my own assumptions.

### Seeing things from someone else's perspective

I am able to see a situation from another person's perspective.

I know how it can feel to be excluded or treated badly because of being different in some way.

### Working together

I can tell you some things that a good leader should do. When I am working in a group I can tell people if I agree or don't agree with them and why.

When I am working in a group I can listen to people when they don't agree with me and think about what they have said.

### Managing feelings - anger

I know: what my triggers are for anger;

what happens when I get angry;

what happens when I am overwhelmed by feelings of anger; some ways to calm myself down.

I can consider the short- and long-term consequences of my behaviour in order to make a wise choice, even when I am feeling angry. I know I am responsible for the choices I make and the way I behave, even if I am very angry. I know how my behaviour is linked to my thoughts and feelings. I can stop and try to get an accurate picture before I act.

### Resolving conflict

I can say things and do things that are likely to make a difficult situation better.

Theme: Dark Skies

Keeping safe in the dark.

Reflective technology whilst walking, cycling and crossing roads.

Safety at night or dark evenings whilst out playing.

SEAL: Good to be me

### Knowing myself

I accept myself for who and what I am.

### Understanding my feelings

I can tell the difference between showing I am proud and boasting.

I know that boasting can make other people feel inadequate or useless.

I can explain how I am feeling even if I have mixed feelings.

I understand that sometimes the feeling part of my brain takes over and I might make mistakes.

I can understand how my strong feelings might build up and how I might be overwhelmed by my feelings I can recognise when I am beginning to be overwhelmed by my feelings and can use a calming down strategy.

I know that if I have once been overwhelmed by my feelings I might easily 'lose it' again another time.

### Managing my feelings

I can use some strategies to help me when I feel useless or inadequate.

I can feel positive even when things are going wrong.

I can avoid situations that are likely to hurt my feelings or make me anary.

I can recognise when I am feeling worried.

I know how to do something about my worry.

I know when and how to stop and think before I act.

I can disagree with someone without falling out.

I can cope when someone disagrees with me.

I can stand up for what I think after listening to others and making my own choice.

 $\ensuremath{\mathrm{I}}$  understand that the majority view is not always right.

I can behave in an assertive way using appropriate body language and tone of voice.

### Making choices

I can make a judgement about whether to take a risk.

Theme: Vikings and Invaders

Philosophy For Children.

Exploration of rules of democracy and law. How have they changed through the ages. Discussion of morals in the way the Vikings and Invaders behaved. Acquire a sound knowledge and understanding of how the United Kingdom is governed, its political system and how citizens participate actively in its democratic systems of government. Develop a sound knowledge and understanding of the role of law and the justice system in our society and how laws are shaped and enforced.

### SEAL: Changes

### Knowing myself

I am aware of common responses to difficult changes, and that they are sometimes similar to our responses when experiencing loss. I can tell you some of the good things about me that my classmates like and value.

### Understanding my feelings

I understand how it might feel when a change takes you away from familiar people and places.

I can tell you my 'sore spots'. I can recognise when I might over-react because someone has touched a 'sore spot'.

I recognise that my behaviour is my responsibility, even when someone has touched a 'sore spot'.

I know that it is natural to be wary of change, and can tell you why. I know that all feelings, including uncomfortable ones have a purpose and give us information.

I understand why I behave the way I do sometimes when I feel uncomfortable.

### Understanding the feelings of others

I can try to understand why people might behave the way they do when they are facing a difficult change.

I know that people respond differently to changes and challenges. I know that many children have mixed feelings about going to secondary school.

I try to understand other people's behaviour by thinking about what they might be feeling or thinking.

I can tell you about how people might feel and behave when they go to a new school.

### Managing my feelings

I know that when I move to secondary school many things in my life will stay the same.

I have some strategies for managing the feelings that I might experience when I change schools.

		Swarland Pri	mary School Long	Term Plan For KS	2 Music		
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
CYCLE A	Theme: Greeks  Control their voice when singing.  Play clear notes on instruments  To develop the confidence to perform in front of others  Sing songs as a group, keeping in time  Sing in tune with expression  Play clear notes on instruments		Theme: Healthy Living  Know that phrases are where we breathe in a song  Use different elements in their composition  Create repeated patterns with different instruments  To clap and play a range of simple rhythms from notation  Understand how the use of tempo can provide musical contrast within a piece of music		Theme: The Sea  Use musical words to describe elements of music to describe a piece of music and compositions  Use musical words to describe what they like and dislike  Recognise their work explaining how it was improv		
CYCLE B	Theme: Read All About It!  Sing confidently as a general control or report in the second of the seco	peating note to a song	Theme: Romans  • Follow traditional notation for simple rhythms  • Use letter names when memorizing simple melodic patterns  • Use notation in performance  • Show how they can use dynamics to provide contrast		Theme: Bringing Books To Life  Identify the character of a piece of music  Compare different kinds of genre  Explain the place of silence and what effect it has  Identify how a change in timbre can change the effect of a piece of music		
CYCLE C	<ul> <li>Breathe in the correct</li> <li>Recognise and use bast</li> <li>variations, rondo form</li> </ul>	ic structural forms e.g rounds, a red sequence of pitches to	<ul> <li>Compose music to modynamics, structure</li> <li>Evaluate music by us</li> </ul>	propriate tempo for the music get specific criteria using , melody rhythm ging appropriate vocabulary yncopation and pulse	preferences  Suggest improvement  Listen to layers of so effect  Identify use of dyname the music.	famous composers and show s to their own work und and how they create nics to shape the character of mpo and how this can shape a	
CYCLE D	Theme: Tudor Times  • Evaluate work and suggest improvements • Compose music for a range of purposes using chords, rhythm, dynamics, timbre and structure • Perform using notation • Lead on performance and perform from memory • Harmonise accurately following a part • Understand and perform two distinct melodic or rhythmic parts and understand how they fit together		<ul> <li>Theme: Dark Skies</li> <li>Understand elements of traditional musical notation e.g time signature, flats, sharps, bars</li> <li>Follow a simple tune from traditional notation</li> <li>Recognise different forms of notation e.g clefs etc.</li> <li>Compose music for a range of purposes using structure, dynamics, melody, rhythm and chords</li> </ul>		<ul> <li>Evaluate and improve on their work</li> <li>Understand the contrast of the impact of differe</li> </ul>		

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
CYCLE A	1. Greetings 2. Numbers 1-12 3. European Day of Languages 4. Age young 5. Age old 6. How you feel 7. Saying & asking name 8. Numbers 13-31 (focus -20) 9-12. Any appropriate cross-curricular pack 13-14. Christmas 1. Greetings 2. Numbers 1-12 3. How you feel 4. Saying & asking name 5-7. Le melon énorme 8. Numbers 13-20 9. Months 10. Numbers 21-31 & date 11. Birthdays 12. Fête days		1. IU - 6th Jan - Fête des rois 2. Numbers 30-60 3-4. Colours 5. Shape 6-9. Body 10-11. Alphabet 12. Numbers 60-80		1. Numbers 81-100 2-5. Pets & animals 6-9. (Pack) Habitats 10-14. Pack: Handa's Surprise	
CYCLE B			1. Numbers 30-60 2-3. Prepositions & text - Une histoire sombre 4-9. Pack: Château hanté 10. Higher numbers 61-80 11-12. Easter - making a card	I	1. Numbers 81-100 2-5. Ice-creams & likes & dislikes 6-12. (Pack) eg: Hungry caterpillar 13-14. Transport	
CYCLE C	13-14. Christmas  1. Greetings 2. Numbers 1-12 3. European Day of Languages		1.Numbers 30-60 2. Days 3. Months 4. Seasons 5-7. Weather 8-11. (Pack) Eg: Le voyage de Plume / Storms & Shipwrecks or other 12. Higher numbers 61-80		1. Numbers 81-100 2-7. Sport; opinions & adjectives; parts of body & J'o mal 8-14. Topic on France/French-speaking countries - collaborative task Food, products, people Cars, Geography, school day Paris	
CYCLE D	13-14. Christmas  1. Greetings 2. Numbers 1-12 3. How you feel 4. Saying & asking name		1. Numbers 30-60 2. Where you live town /country 3-4. Places in town 5-6. Directions 7-10. (pack) Eg: Bear Hunt or: Storms & Shipwrecks or other 11. Higher numbers 61-80 12. Easter		1. Numbers 81-100 2-7. Pack: eg: Healthy eating 8-9. Time & mealtimes in France 10-14. Café, food & money	

		Swarland Prin	nary School Long T	erm Plan For KS	2 English		
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Wh Res Life Sto	Who were the Greeks?		Theme: Healthy Living  How to keep our body healthy through exercise and food reports.  Labelling, explanations, and non-fictional writing, leaflets.  How we can contribute to a healthy lifestyle.  Poetry, alliteration, shape poems, acrostics, descriptive writing.		Theme: The Sea Understanding why Grace Darling was a hero. Report writing, diary writing, adventure stories, role play and drand explanations. The story of the titanic. Report/story writing, poetry, diary writing, and persuasive writing.		
The pub edit Lab for Chr	eme: Read All About It e main features of regional and le plishing newspaper reports. Focus iting, pelling, report writing, researching newspaper headlines. ristmas poetry, Christmas story l pry of Babushka.	s on importance of drafting and ng, descriptive writing. Alliteration	Theme: Romans Understanding the life of a Roman. Role play, report writing, non-fiction imaginative story writing, diary writi Role play, report writing, non-fiction imaginative story writing, diary writi	ng. s writing, story board of Boudicca,	Theme: Bringing Books To Life Imaginative, fantasy writing, lookin of stories, book reviews. Play scripts re-enacting plays using Imaginative, fantasy writing, lookin of stories, book reviews.	scripts, filming dramas.	
Under storm on Food Storm Storm Storm The	on fact) Opportunities for non-fiction writing. Focus texts: Cave baby - Julia Donaldson Stig of the dump - Clive King Stone age boy - Satoshi Kitamura Through use of these texts we will concentrate on story		Focus texts:  Voyages of survival - Arabian Tales ( Aladdin, Sinbad, Ali Baba and the forty thieves)  Goodnight Mr Tom.  Christopher Columbus  Quentin Blake's the Seven Voyages of Sinbad the Sailor  Studying classic poems, looking at descriptive language and writing own description poems. Retell famous			the chocolate factory - Charler writing and fantasy writing ecs, who they were, when they fiction report writing,	
The Shader study Work Poet for The Dro bet Sus	Trip to the Hancock Museum - cross curricular links.  Theme: Tudor Times  Shakespeare focus (Macbeth (Halloween), Midsummer night's dream) Looking at personal response, completing character studies and writing play scripts.  Workshan company a drama		writing - building a 5 part story.  Theme: Tudor Times hakespeare focus (Macbeth (Halloween), Midsummer night's ream) Looking at personal response, completing character rudies and writing play scripts.  Yorkshop company - drama Yorkshop company - drama Wetween spoken and written speech.  Writing - building a 5 part story.  Theme: Dark Skies Focus texts: Star wars, Dr who, back to the future, time travel Mars mission UFOs and Aliens: Investigating Extra-terrestrial visitors Extreme By Paul Mason. UGO Diary Bu Satoshi Kitamura - writing recounts/non-fiction writing Science fiction focus - Tales from outer Suburbia By Shaun Tan Focus on suspense writing, fantasy writing - building a 5 part story.			Theme: Vikings and Invaders To research Viking Britain - no recounts of the Battle of Hast 1066. Roleplay/drama the stor Text focus - how to train your linked to fantasy writing and li	on fiction writing. To write rings – the Norman Conquest y of the Vikings. dragon By Cressida Cowell –

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme: Greeks Food hygiene. Cultural food, seasonal products. How to create savoury dishes inspired by Greek ingredients. Using and handling equipment safely. Measure ingredients to nearest gram accurately, calculate ratios of ingredients to scale up or down. Create and refine recipes including ingredients, methods, cooking time and temperatures.		Theme: Healthy Living Knowledge: Know what constitutes a balanced and nutritious meal. Time my cooking and prep time, think ahead plan order of work, seek views of others about my design and product, present persuasive text on benefits of my product. Making free standing photograph frames. Explore stable structures. Use knowledge of ratio to draw scaled drawings, use words, labels and models to communicate my design, refine quality of finished product.		Theme: The Sea Know how a real lighthouse works, its purpose. Use electrical circuits and switches to good effect, use ICT control programme to make mechanism work, use knowledge of area and volume to calculate materials needed. Create series and parallel circuits progressing to circuits using electronics kits that employ components such as LEDs, resistors, transistors and chips. Control and monitor models using software designed for this purpose.	
Theme: Read All About It  How to make paper. Explore paper making from newspaper and plant material. Clarify ideas, explain my design to a partner explaining the benefits, refine and improve work, investigate and explore a range of existing products.  Moving mechanisms. Strengthen, stiffen - reinforce structures. Design and generate ideas for cards and calendars - card leavers and linkages.		Theme: Romans Cook and prepare Roman food. Use scales to accurately weigh ingredients for recipes, use my knowledge of proportion to mix ingredients, use tools safely How to make a catapult. Apply knowledge of how to stiffen, strengthen and reinforce complex structures, use and understand mechanical systems such as levers and pulleys, gears, cam etc. Create mosaics.		Theme: Bringing Books To Life  Designing and creating films, digital media, podcasts and audio books. Film plays and drama and performance poetry. Use a range of design and editing software to produce a movie trailer, thinking of finishing techniques and audience and purpose.	
Theme: Digging Up The Past  To take inspiration from design through history. Explore using a range of tools and mechanisms. Use scientific knowledge of transference of forces to choose appropriate mechanisms for a product such as levers, pulleys and gears.  Investigate how levers, pulleys and gears were utilised and have developed through time.		Theme: Voyages  Design and create moving monsters or sea creatures based on mechanism of using pneumatics and or cams. Make products by working efficiently and carefully selecting materials. Make products through stages of prototypes, making continual refinements.		· · · · · · · · · · · · · · · · · · ·	
Theme: Tudor Times  Identify great designers from the past. Explore the construction and design of The Globe Theatre. Choose suitable techniques to construct their own version of The Globe. Strengthen materials using suitable techniques.		Theme: Dark Skies To design and create sun dials. Cut materials with precision and refine the finish with appropriate tools. Improve upon existing designs, giving reasons for choices. Disassemble products to understand how they work. Evaluate the design of products so as to suggest improvements to the user experience.		Theme: Vikings and Invaders Investigate long boat construction and the power of sails wit wind. Create sails using a range of textiles with appropriate stitching. Begin to understand the need for a seam allowance Apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material such as slots and cut outs.	

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
CYCLE A	Theme: Greeks Knowledge: Lifestyles and events that occurred in ancient Greece. Use key word and phrases about the past use key dates to		Theme: Healthy Living Explore trade routes of the past. Have they always been the same? Research into our diets through the ages including the changes during the war with rationing, changes to frozen food and microwaveable food. Explore kitchen changes to prepare foods and the equipment and gadgets used.		Theme: The Sea Local history study of life and times of Grace Darling. Field work skills to Grace Darling museum to consider interpretations of an event knowing some information is more reliable than others. RNLI Titanic. Compare and contrast aspects of modern day life to those in the past, place changes in a chronological framework, summarise events in a lively and imaginative way. Local castles in Northumberland area by the sea.	
CYCLE B	Theme: Read All About It!  A study of the history of paper and how it's changed over time.  Study of how communication has changed over time from fire signals, semaphores, morse code, letters, telephone, email,		Theme: Romans  Hadrian's wall, Life and times of Pliny the Elder, Julius Ceasar Find out about and analyse information sought by visits to local historical sites and museums.  Know about the Roman Empire and its impact on Britain Ask and answer questions, select and record information based on the enquiry focus.  Explore life and events of ancient Rome, the spread of the Empire and what its legacy has been for us now.  Using a variety of history sources of evidence begin to understand the era.		Theme: Bringing Books To Life.  History of paper, originating in China. History of book making and printing. Look at writing through the ages and in different cultures including Egyptian hieroglyphics, cave paintings, scrolls and scriptures, stone tablets, papyrus, etc.  Look at the history of radio and television as these developed as means of communication and sharing books. Compare to present day books, Kindles, podcasts and project what form books will take in the future.	
CYCLE	Theme: Digging Up The Past  Exploring the stone age to the iron age. Investigate early civilizations and their place in chronology. Explore fossils and inferring about the past through the use of bones and fossils.  Begin to place events, artefacts and historical figures on a time line using dates. Seek out and analyse a wide range of evidence in order to justify claims about the past.		Theme: Voyages Explore Darwin and his concept of evolution over time and changes that occurred to instigate change. Research into historically significant voyages over rivers and mountains and to new worlds and continents. Explore famous historical figures such as Christopher Columbus, and Phileas Fogg.		Theme: Aztecs Explore the life and times of the Aztecs. Explore their life styles, social set up, religious beliefs, technological and cultural changes in that period. Research into famous Aztecs and their trade links. Begin to select suitable sources of evidence giving reasons for their choices.	
CYCLE D	Theme: Tudor Times  Exploration of the Monarchs of Britain beyond 1066 including Elizabeth 1st and Henry 8th. Study of significant changes which occurred during their reign including the creation of the Church Of England, changes to laws. Investigate famous people around at this time including Sir Walter Raleigh and Shakespeare.		Theme: Dark Skies Investigate the historical space race and the political motivation for this. Explore historical space missions beyond living memory such as the landing on the moon and within living memory, Mars Mission. Explore future planned missions such as humans living on Mars. Place these on timelines using dates. Identify period of rapid change in history and contrast them with times of relatively little change.		Theme: Vikings and Invaders  Explore the local history of Lindisfarne including its castle and surrounding area. Investigate the significance of the Lindisfarne Gospels. Discover which areas were invaded by Vikings and other Invaders and what their impact has been of the area. Research into the life and times of Vikings. Use vocabulary such as era, chronology, dates, change, century ar legacy.	

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme: Greeks Understand a range of other cultures art and use this as inspiration for my own design. Use drawing and sculpture with purpose and meaning. Understand the viewpoints of others by looking at images, people and places from different view points. Experiment with different materials and techniques and find best one for purpose. Greek plates, clay pots and clay figure sculpture, life drawing, Greek busts.		Theme: Healthy Living Figurative drawing. Life drawing. Study of Bridget Riley work as optical art movement, black and white images. Funny bones figures. Experience an art gallery. Considering size of famous art works. Creating large scale and small scale work. Collaborative work. Assessing and evaluating work.		Theme: The Sea Study of Lowry as he holidayed in Northumberland by the sea. Explore his work and inspirations. Artists who created seascapes. Water colour painting techniques, colour mixing. Investigating and experiencing techniques used for working with water colour paints. Creating a colour wash background using paint or ink. Investigating how famous artists have depicted the sea. Create a contemporary representation of the sea using a choice a media.	
Theme: Read All About It!  Dada art movement.  Collage, including cutting and painting techniques.  Knowing /understanding the 'DADA' movement and its artists.  Planning and creating collage compositions, including use of silhouette.  Ink as a media. Explore prominent artists of the 20 <sup>th</sup> century including Andy Warhol, Jackson Pollock and Bridget Riley. Recreating the painting techniques of Jackson Pollock.		Theme: Romans Mosaics Make images using textiles to communicate ideas using colour and pattern, describe and explain art from other cultures and know how artefacts came to be in museums.  Experimenting with pencil, chalk charcoal, pastels and paint as media to achieve tones of light and shade.  Drawing from first hand experience using observation techniques.  Investigating the work of Albrecht Durer.		Theme: Bringing Books To Life Artwork as illustrations Experiment with different materials and techniques to find the best ones for the purpose of my work, advertise my book cover Knowing and recognising the work and styles of a range of illustrators both historic and contemporary. (e.g. Quentin Blake, Gerald Scarfe, Arthur Rackham etc). Drawing techniques, (line and sketch). Using colour to achieve impact in illustration. Understanding how illustration can influence others' perception of a story or character.	
Theme: Digging Up The Past  Exploring the materials and tools used by cave men to draw and paint cave paintings. Examine how the materials were made using natural materials. Replicate similar mediums using present day equivalents. Explore the culture of telling stories through pictures. Use a number of brush techniques using thick and thin brushes including fingers to produce shapes, textures, patterns and lines.		Theme: Voyages  Observational drawings of animals and plants. Examine the book plates and investigational scientific drawings of Darwin and other scientists and botanists who recorded plant and animals species in great detail. Explore their use of line and use of hardnesses of pencils to show line, tone and texture. Use a variety of techniques to add interesting effects.		Theme: Aztecs Create and explore pattern and tessellation taking inspiration from the Aztecs. Create accurate patterns showing fine detail. Give details in own sketches and research about the style of other notable artists and designers. Create their own original pieces that show a range of influences and styles. Comment on artworks with a fluent grasp of visual language.	
Theme: Tudor Times  Explore Elizabethan clothing particularly the ornate gowns of Queen Elizabeth First. Explore which techniques may have been used to create the gown particularly the stitching and finishing touches. Use this influence to inspire work using basic cross stitch and back stitch. Shape and stitch a variety of materials. Explore weaving, plaiting, quilting, padding and gathering. Combine these techniques to create a piece of art.		Theme: Dark Skies Installation 3D artwork. Explore the effort and result of working together to create one piece of art work. Look at the renaissance painters who had help and assistance working together on one piece of work. Create and combine shapes to create recognisable forms. Include texture that conveys feelings, expression or movement.		to create the images and illuminated lettering. Replicate	

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
CYCLE A	Use correct geographical vocab to describe features of locality, use		Theme: Healthy Living Regional food from different countries, name and locate counties of UK. Plan routes and work out distances of food import export using map scales, read symbols on ordnance survey maps Describe and understand key aspects of human geography, including: types of settlement and land use and the distribution of food, minerals and water.		Theme: The Sea  To read and use local maps of a local area.  To use fieldwork to observe measure and record the human and physical features in the local area - Holy Island, mapping and locating castles on Ordinance Survey.  To know where in the world we are, names the seas and continents on a globe.  To use the eight points of a compass to compare places in the world with England and Northumberland.	
CYCLE B	Use internet to find out about contrasting locality, analyse differences and similarities on contrasting localities.  Locate and map where regional newspapers come from. Which County do they come from? Research catchment and distribution areas.		Theme: Romans Modern day Roman Empire. Identify and locate including longitude and latitude of places in Roman Empire then and now, compare similarities and differences, communicate features using precise vocabulary. Understand geographical similarities between a region in UK, Italy and somewhere in north or south America. A study of the physical and human geographical features of Rome and Italy.		Theme: Bringing Books To Life. Books from other cultures. Locate countries around the world, concentrating on, major cities. Atlases as a source of information. Augmented globes through atlases Name and locate counties and cities in the UK where famous authors are from, identify human and physical characteristics, key topographical features and understand how they have changed over time.	
CYCLE C	Theme: Digging Up The Past Explore the physical geography created by the historical changes to the world through tectonic plate shifting and continental drift. Explore how this created the continents as we know them today and the oceans. Name and locate the continents and oceans. Investigate how volcanoes and mountain ranges were formed throughout the ages.		Theme: Voyages Orienteering skills. Examine historical explorers voyages. Where did they go? What did they discover? Explore their voyages over rivers and mountains and look at what they discovered. Map and plan routes that they took. Use longitude and latitude in mapping skills. Describe key aspects of physical geography and human geography using accurate and developing vocabulary.		Theme: Aztecs Geographical research into No Compare and contrast this loca physical and human features or zones, rivers, mountains, earth and the water cycle. Identify densities.	ation to the UK. Investigate the f the area. Including climate quakes, settlements, land use
CYCLE D	Theme: Tudor Times Investigate the UK capital city of London and its attractions. Compare city of London to rural Northumberland. Investigate land use and tourism in both areas. Describe how both localities have changed over time.		Theme: Dark Skies Investigate the local heritage and geographical significance of the Kielder Observatory and Dark Skies Award. Locate Northumberland on satellite images and compare and contrast light pollution in other parts of the UK. Field trip to the observatory and surrounding area.		Northumberland sites. Fieldwork skills in visiting geographic	

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Theme: Greeks Know common rocks including volcanic rocks. Make careful observations, compare and describe rocks, discus finding with partner, plan and carry out investigations with partner		Theme: Healthy Living Know about teeth, digestion, organs Use precise scientific language, explain to good effect, decide best approach to find answer to questions, use multimedia to present findings. Know what constitutes nutrition and name parts and functions of skeleton and muscles. Make predictions, select information from sources, question other about their work to gain understanding.		Theme: The Sea Know light is reflected off surfaces. Find patterns that determine size of shadows, ask questions, set up enquires, gather, record and present and analyse data. Know common appliances that use electricity – lighthouses. Review and compare results and predictions, create and test electrical circuits with conductors, insulators, buzzers, switches.		
change state when heated or cooled happens, evaporation and condensation	States of matter.  Compare and group materials, solids, liquids or gases, observe materials change state when heated or cooled, measure the temp at which this happens, evaporation and condensation in the water cycle.  Investigate states of matter and process of dissolving, separating,		Theme: Romans Knowledge: Forces and magnets. Observe magnets attracting, repelling, investigate which materials are attracted to magnets, describe magnets two poles, compare and group materials, explore strength of magnets. Plants Identify the functions of different flowering plants, explore the requirements of plants for life and growth, investigate ways in which water is transported within plants, explore the life cycle of a plant.		Theme: Bringing Books To Life Sound Know how sounds are made Identify how sounds are made, vibrating, find patterns between the pitch, find patterns between the volume of a sound and the strength of the vibrations that produced it.	
evolution and inheritance. Reco changed over time and that for living things that inhabited the Recognise that living things pro kind, but normally offspring va parents. Identify how animals	Focus on the famous scientist of Charles Darwin focusing on evolution and inheritance. Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may		Theme: Voyages Investigate animal and plant classification following on from the study of Darwin last term. Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.  Give reasons for classifying plants and animals based on specific characteristics.			
phenomena. Planning different type questions, including recognising and necessary. Taking measurements, u with increasing accuracy and precis increasing complexity using scientific classification keys, tables, and bar to make predictions to set up furth	Theme: Tudor Times  The theatre and magic of science - observing and explaining phenomena. Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. Taking measurements, using a range of scientific equipment, with increasing accuracy and precision. Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, and bar and line graphs. Using test results to make predictions to set up further comparative and fair tests. Using simple models to describe scientific ideas.		Theme: Dark Skies  Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. Describe the movement of the Moon relative to the Earth. Describe the Sun, Earth and Moon as approximately spherical bodies. Use the idea of the Earth's rotation to explain day and night.		Theme: Vikings and Invaders Forces and the identification of the effects of air resistar water resistance and friction, which act between moving surfaces. How did the Vikings use these principles when	

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
CYCLE A	Theme: Greeks  Know about how the computer networks work.  Use the internet in a multiple of ways, search the world-wide web to do with Greek topics and to communicate and		Theme: Healthy Living To create a healthy us poster/information booklet on a healthy lifestyle aspect. Select, use and combine a variety of software on a range of digital devices to and present healthy us information. E-safety Use technology safely, respectfully and responsibly; know a range of ways to report concerns and inappropriate behaviour.		Theme: The Sea Know how to write a control program. Design, write and program a series of instructions and algorithms to make a repetitive sequence of a lighthouse working on an electrical circuit. To understand the story about why Grace Darling is famous and to show this using a programme on the computer. Present information on the computer to do with Grace Darling	
CYCLE B	Theme: Read All About It  Know how to publish newspaper content in multimedia  J2webby to publish reports on website.		Theme: Romans Use sequence, selection and repetition in programs. Search for information on Romans use different search technologies effectively.		Theme: Bringing Books To Life Audio books, record audio of book reviews for others using Aurasma. Creating and recording own sounds. Create podcasts and films using a variety of technological aids.	
CYCLE C	Theme: Digging Up The Past Know about how the computer networks work. Use the internet in a multiple of ways, search the world-wide web to do with stone age to iron age topics and to communicate and collaborate. Know how to use a variety of software. Select, use and combine a variety of software on a range of digital devices to collect, analyse, evaluate and present data and information to do with the stone and iron ages.		Theme: Voyages  J2e/story creator - sequence pictures and captions to retell a voyage story  Design a game on scratch/makey makey to do with a character/ to make a simple interactive scene of an event within a story.		Theme: Aztecs Use sequence, selection and re Search for information on Azt technologies effectively. Audio books, record audio of b Aurasma -linked to Charlie and	ecs and use different search
CYCLE D	through characterisation		Theme: Dark Skies Children to listen to Gustav called 'The planets'. Childre design their own piece of pl eight planets. Music link. Children to track ISS and s internet.	n to use create app to anet music to explain the	Theme: Vikings and Invaders  To create a Viking information booklet or a step by on how to train your dragon.  Select, use and combine a variety of software on a digital devices to and present healthy us information E-safety  Use technology safely, respectfully and responsibly range of ways to report concerns and inappropriate	