











everyone can achieve success.



AUTUMN TERM CURRICULUM PLAN

YEAR GROUP 3

OUR WHOLE COURSE	When our children leave Moorhill, they will be motivated and inspired learners who are			
OUR WHOLE-SCHOOL VISION FOR EVERY	articulate, literate, and numerate. They will know that by working hard and i			
MOORHILL CHILD	together they can achieve greater success; they will have high aspirations, lifelong skills for			
WOOKINEE CINED	learning and will successfully of	demonstrate our core values in	all areas of our lives.	
	Our curriculum is cohesive	Our curriculum is creative,	Our curriculum is	
	across the local and wider	developing memorable	collaborative. Children build	
	community and across subjects	experiences so that children	emotional resilience and	
	and topics, providing challenge	are enthused by their learning,	develop their articulacy and	
	and celebrating our	which creates awe and	self-confidence. Through a	
THE VISION OF THE	individuality as a school and	wonder. Children explore and	clear sense of motivation and	
CURRICULUM AT	community. In developing	develop our school values	purpose, children take	
MOORHILL PRIMARY	cohesion, there is clear,	through active learning	ownership of their learning,	
SCHOOL	planned, and well-sequenced	experiences. They develop	and this is shared by our whole	
SCHOOL	learning so that new	lifelong skills for learning and	school community. Every	
	knowledge and skills build on	gain cultural capital within and	member of the school	
	what has been taught before.	outside of our community.	community has high	
			expectations of themselves	
			and others and recognise that	

Experiences and the wider us of the environment for this term.

Trip to the Black Country Museum.

SCIENCE			
Key Learning Point – Skills	Key Learning Point – Knowledge	Vocabulary	
I can make systematic and careful	Rocks	Rocks	
observations (light with torches, rocks,	Group together and compare	Rock, stone, pebble,	
magnets, plants)	different types of rocks based upon	boulder,	
I can take accurate measurements,	their appearance and physical	grain, crystals, layers, hard,	
where appropriate, using standard	properties.	soft, texture, absorb water:	
units (length of shadow experiment	1. What is a rock? Compare and group	permeable, impermeable,	
I can use a range of equipment, including thermometers and data loggers (torches, rules, I can record my findings using: • simple scientific language (which is the best rock, fossil formation, all topics) • drawings, labelled diagrams (light – shape of shadow, types of soil, plants) • keys, (animal skeletons, parts of a plant, • bar charts (length of shadow, plant growth, water	together different types of rocks (sandstone, marble, limestone, slate, granite) based on their appearance and physical simple properties: texture, appearance, size and weight. 2. Which is best suited to make steps down into the coal mine? Comparative experiment, record in a table and conclusions based on scientific observations (focus on hardness, durable and permeable). Which would be the best rock for allow the	soil, fossil, marble, chalk, granite, sandstone, slate, soil, peat, sandy/chalk/clay soil, igneous, sedimentary, metamorphic	
transportation)	children to fill in the question and		
• tables (length of shadow,	answer based on their		
best rock, magnetic	knowledge.	Light	
materials)	3. Conduct a rock hunt around the local	Light, light source, dark,	
I can report on findings from	area (St Aiden's church) to find out how	absence of light,	
- can report on manigo nom	rocks change over time –	transparent,	

enquiries, including:

- oral explanation (light, all topics)
- written explanations (light, rocks, forces, magnets, animals, skeletons,
- displays or presentations of results (fossil formation, plants and water)
- conclusions (light, best rock, best soil, magnet poles, plants)

I can ask relevant questions and use different types of scientific enquiry to answer them:

- Can the shadow change shape?
- Which rock is best suited to make steps down into the coal mine?
- Which is the best rock for....?
- Which soil is best for plant growth?
- How many different ways can you make the paper clip move?,

look at weathering (sandstone vs marble). Not an experiment over time, but looking at the effects of.

- Describe in simple terms how fossils are formed when things that have lived are trapped within rock.
- 1. Watch BBC learning clips and recount the process of fossil formation. Make fossil using playdough, layers and water observation over time.
- Recognise that soil is made from rocks and organic matter.
- 2. Classifying experiment: using a bottle of water and soil, shake, and watch to see the separation.
- 3. Create a labelled diagram in instruction to show what soil is made from.
- 4. Look at different types of soil (chalky, clay, sandy, peat), show a labelled diagram and predict which would be best to grow a plant in (link to YR/1/2 plants). Conduct experiment over time and draw conclusion.

Scientist:

Geologists (link to palaeontologist – study earth history and fossils)
Mary Anning (fossils). Leonardo da Vinci (also a scientist who discovered how sedimentary rocks and fossils are formed).

Soil scientist (why this type of job is important – farming, growth, agriculture etc.)

Light

- Recognise that we need light to see in order to see things and that darkness is the absence of light.
- 1. Using experiment with torches and making the classroom as dark as possible. Use boxes with options to increase the light to try and guess objects inside.
- Notice that light is reflected from surfaces.
- 1. Watch BBC clip showing the different between glow in the dark and reflective surfaces (note reflective material was first invented in the 1940s to increase visibility on roads).
- 2. Again, use the boxes with brighter coloured objects and some reflective options to prove this theory.

translucent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangerous,

Recognise that light from the sun can	
be dangerous and that there are ways	
to protect their eyes.	
1. Link to Y2 knowledge of everyday	
materials and discuss which material	
would be best to use to make	
sunglasses – write conclusion.	
 Recognise that shadows are formed 	
when the light from a light source is	
blocked by an opaque object.	
1. Use torch and objects to block the	
light and comment on what is	
happening. Use the scientific	
conclusion writing.	
Find patterns in the way that the size	
of shadows change.	
1. Can I make a shadow change shape?	
Using torches change the height of the	
light source to change the	
length of the shadow, commenting on	
the shadow still retaining the shape of	
the object from previous	
lesson learning.	

HISTORY			
Key Learning Point – Skills	Key Learning Point – Knowledge	Vocabulary	
Chronological understanding	Industrial revolution	Periods of	
Place the time studied on a timeline	- Grace Darling	History	
Use dates and terms related to the	- 1066	Similarities and	
study	- Norman conquest	differences	
unit and passing of time	- Mary Seacole	British Empire	
Sequence several events or artefacts	- Florence Nightingale	Safety	
 Place events from previous areas of 	-Marco Polo	Diet	
study,			
on a timeline to present day.	this can be added to throughout the	Health	
	unit to include:	Primary sources	
Range and depth of historical	- 1833 Factory Act,	Secondary	
knowledge	- 1842 Mines act, Lord Shaftesbury	sources	
Find out about everyday lives of	- Huskar Pit Disaster 4th July 1838	Artefacts	
people in		Industrial	
time studied	Know how mining affected Cannock and	revolution	
Compare with our life today	why it was	Shaft	
Compare my daily life to that of a	important to our community.	Mining	
child	-Jobs	Seam	
going down the mines	-Families	Coal face	
• Explain some of the living and working	-Infrastructure	Coal	
conditions of children who worked	-Education	Pit pony	
down the	-Jobs	Bell bit	
mines.	-Life expectancy		
Explain what led to the change in	-Pay		
working	 Role of children in mines and in 		
conditions for children in mining.	factories		
Explain what change occurred with			
children's working conditions.	Littleton Mine memorials		
	Mining museum in Hednesford		
Interpretations of history	• Tracks		
Identify and give reasons for different			

ways in which the past is represented • Bell pit • I can name some significant events in our Know how energy and fuel use has local history, place events about the rise changed and the and downfall of the mines and the reasons behind it. impact it (From coal to renewable, had on the town. environmentally friendly • Know what evidence is left around our energy sources) locality which shows mining was a - use of coal major industry here What is a primary source? Different types: e.g. Historical enquiry • Letters (written at the time) • Use a range of sources to find out Artefacts • Pictures (from the time) about a period • What can we learn about history from these sources? • Observe small details - artefacts, • Draw conclusions from artefacts pictures • Select and record information • I know this because... relevant to the study • Begin to use the library and internet for research • Explain what information from the sources of information lead me to a conclusion about the past.

GEOGRAPHY			
Key Learning Point – Skills	Key Learning Point – Knowledge	Vocabulary	
Locational knowledge	Locational knowledge	Local,	
Explain some of the impact mining	- Know the significant cities within	Pit	
had on	Staffordshire	Shaft	
our community.	- Know that different places can have	Coal face	
Describe and compare the features of	both	Sheet coal	
different places and explain why they	similar and different features.	Mining	
are	- Stoke on Trent and Lichfield.	Sedimentary rock	
there.	- Name significant cities in England.	Fissure	
Locate and name counties and cities	- London, Birmingham, Manchester	Seam strata	
of the	- Identify characteristics of famous	renewable energy.	
UK	landmarks	northwest, northeast,	
Human and physical geography	of England – Dover cliffs, Blackpool	southeast,	
Explain different ways we get our	tower,	southwest,	
energy	Windsor Castle, Hadrian's Wall.		
from today.	Human and physical geography		
Recognise how people try to improve	- Know about the need for renewable		
and	energy.		
sustain environments.	Geographical skills and fieldwork		
Explain reasons for some of my ideas	- Identify the counties within		
and	Staffordshire.		
for my views and judgements about	Cannock Chase, Lichfield, South		
places	Staffordshire,		
and environments.	Staffordshire Moorlands, and the		
Geographical skills and fieldwork	boroughs of		

 Use the key on an ordnance survey 	East Staffordshire, Newcastle-under-	
map to	Lyme,	
locate features of the local area.	Stafford, and Tamworth.	
 Explain where features on a map are 	- Visit Cannock Chase to use map skills,	
using	compass	
the 8 points of the compass.	knowledge, how environments are	
 Use aerial photographs to identify 	improved and	
local	sustained. Know how to use 4 and 6	
counties	figure grid	
	references, symbols, and key to locate	
	features.	
	Know that positions of features on a	
	map can be	
	described using compass points.	
	- Know the 8 compass points: North,	
	northwest,	
	northeast, east, south, southeast,	
	southwest,	
	west.	

RELIGIOUS EDUCATION			
Key Learning Point – Skills	Key Learning Point – Knowledge	Vocabulary	
I can tell you three important actions I could take to support a group I belong to. I can discuss my understanding of my group's symbol I can discuss how, for some groups I belong to, there is an initiation ceremony, and for others there isn't. I can talk about the difference that makes to my sense of belonging.	I can describe some of the ways Hindus celebrate Divali and start to explain how I think Hindu children might feel at Divali I can start to say why Divali might bring a sense of belonging to Hindus. I can discuss how, for some groups I belong to, there is an initiation ceremony, and for others there isn't. I can talk about the difference that makes to my sense of belonging.	Divali Ramayana Rama Sita Lakshmi Rangoli patterns Diva lamp Puja tray Mandir Guru Amrit Khalsa Karah Prashad 5 Ks Kirpan Kesh Kara Kangha Kachera Khanda Advent Incarnation	
I can explain what Christmas means to me and talk about whether this involves giving and receiving	I can start to explain the Christian belief that Jesus was God in human form and why God gave him to the world. I can start to tell you what Christmas means to Christians		

DESIGN TECHNOLOGY				
Key Learning Point – Skills	Key Learning Point – Knowledge	Vocabulary		
Food - Pasties	Explore	Cut		
Risk assessment – see Mick	- I know the origin of	Peel		
Explore	pasties.	Grate		
I can explore, taste and evaluate different types of	- I know what is a pasty is.	Ingredients		
pasties.	- I know how to measure in	Measure		
I can apply the principles of a healthy and varied diet	grams.	Weigh		
(link to Science Year 2).	- I have knowledge of a	Prepare		
Design	healthy and varied diet.	Hygiene		
I can think of ideas and plan what to do next, based on	- I know what a balanced	Electronic scales		
my experience of ingredients, balanced diet.	diet is.	Gram		
• I can use pictures and labels to describe my designs.	- I know the steps in a	Utensils		
I can write a list of ingredients and tools.	recipe to make a pasty.	Crimp		
• I can use a design criteria when creating my own design.	Design	Healthy		
Make	- I know what ingredients			
I can select appropriate use tools to cut, peel or grate	are needed to make a			
ingredients safely and hygienically.	pasty.			
I can measure or weigh using electronic scales.	- I know what tools I need			
I can prepare ingredients hygienically using appropriate	to make a pasty.			
utensils.	- I know how to make			
I can measure and mark out to the nearest gram.	pastry.			
I can follow a recipe.	- I can design what my			
• I can make pastry.	pasties with look like.			
I can add filling to pastry	Make			
I can crimp the edge of my pastry to make a pasty.	- I know and understand			
Evaluate	that clean hands prevent			
	the			
I can comment on similarities and differences between	spread of germs.			
my own and others' work.	- I know what using tools			
I can identify what skills I have used.	safely looks like.			
• I can identify how I can improve my own work.	- I know what tools I need			
I can test their product against the original design	to carry out tasks. For			
criteria.	example,			
I can evaluate the ongoing work and the final product	a knife to cut, chopping			
with reference to the design criteria.	board, hands to peel.			
Example recipe for pastry:	- I know how to prepare			
https://www.bbc.co.uk/food/recipes/shortcrustpastry_1278	different types of food.			
Suggestion filling: cheese and potato, cheese and onion,	- I know how to assemble			
vegetable.	pasties.			
	Evaluate			
	I know what the design			
	criteria is.			

ART			
Key Learning Point – Skills	Key Learning Point – Knowledge	Vocabulary	
Drawing	Henry Moore	Sketch	
Draw a body in the correct	Use a mannequin, Take real life photos and	Charcoal	
proportions	draw from real life and then	Shading	
in standing and bent/kneeling	manipulate mannequin to support drawing.	Figures	
postion.	3D		
3D	Know how to form shapes.		
	Artist		

Use modelling wire to make a body	Laurence Stephen Lowry	
shape,	https://www.bbc.com/bitesize/clips/z3gkq6f	
carefully covering with papier	Henry Moore	
mache(models of miner –use	http://catalogue.henry-	
Moore's/	moore.org/search/miners	
Lowry's sculptures as inspiration).	Know about the artists L.S Lowry	
	Know about the artist Henry Moore	
	Compare the work of different artists.	
	Discuss similarities and differences between	
	my own work and others	

COMPUTING				
Key Learning Point – Skills	Key Learning Point – Knowledge	Vocabulary		
E Safety	E Safety	E Safety		
Online reputation	Online reputation	Online reputation		
Explain how to search for information	Know what key words can be used for	Search engine		
about	an	Personal information		
others online.	effect search.	Trusted adult		
Give examples of what people may or	Know who to ask for help if unsure	Data Handling		
may	about	- Digital database		
not be willing to share online.	putting something online.	- Save		
Explain who someone can ask if they	Data Handling	- Open		
are	 Know why a digital database is used. 	- Edit		
unsure about putting something online.	Know how to add data to a database	- debug		
Data Handling	and how			
Search a ready-made database to	to save and reopen it.			
answer				
questions.				
Add information into a digital				
database,				
save, open, edit and use to answer				
questions,				
Explain some of the advantages to				
using a				
digital database. (able to search large				
amounts of data quickly, quick and easy				
to				
change data)				
 Debug problems in a database, 				

PSHE

- to recognise and respect that there are different types of families, including single parents, same-sex parents, step-parents, blended families, foster and adoptive parents, some married and some not
- To recognise that families can look different from their families and that those differences should be respected
- What makes a healthy family? commitment to each other, care, time together, protection
- that being part of a family provides support, stability and love and making sure that everyone is safe, heathy and feels cared for within the family
- about the positive aspects of being part of a family, such as spending time together and caring for each other
- about the different ways that people can care for each other e.g. giving encouragement or support in times of difficulty
- to identify if/when something in a family might make someone upset or worried
- what to do and whom to tell if family relationships are making them feel unhappy

or unsafe

- to use emotive vocabulary to describe how they are feeling.
- What is appropriate to share with friends, classmates, family and wider social groups including online importance of rules
- about what privacy and personal boundaries are, including online and offline and the right to say no and not feel pressured.
- basic strategies to help keep themselves safe online e.g. passwords, using trusted sites and adult supervision
- that bullying and hurtful behaviour is unacceptable in any situation
- about the effects and consequences of bullying for the people involved
- about bullying online, and the similarities and differences to face-to-face bullying
- what to do and whom to tell if they see or experience bullying or hurtful behaviour
- the importance of kindness and feeling valued.

To recognise respectful behaviours e.g. helping or including others, being responsible

- how to model respectful behaviour in different situations e.g. at home, at school, online
- The importance of displaying our school rules of Ready, respectful and safe.
- the importance of self-respect and their right to be treated respectfully by others
- what it means to treat others, and be treated, politely
- the ways in which people show respect and courtesy in different cultures and in wider society

MUSIC			
Key Learning Point – Skills	Key Learning Point – Knowledge	Vocabulary	
Performing	Performing	Pulse	
 Play a simple melody with technical 	 Know and sing: Hello, Get on Board, 	Rhythm	
control of	This Train,	Pitch	
the instrument/voice to create a	Starlight Express, When Christmas	Tempo	
pleasing	Comes to Town	Dynamics	
sound.	Composing	Dynamics	
Demonstrate the difference between	Understand how changes in pitch can	Crescendo (getting	
pulse	be shown on a	louder)	
and rhythm by playing accompaniments	graphic score.	Diminuendo (getting	
to Get	 Understand graphic scores and how 	quieter)	
on Board with percussion instruments.	more than one	Ritando (slowing down)	
Add an ostinato to This Train to create	sound can play at a time to create	Hymns	
the	texture.	Gospel	
effect of a train.	Aural awareness	Ostinato	
 Can direct others to start and stop 	• Listen to 'Make me a Channel of your		
using	Peace' sung in a		
gestures.	church and 'Happy Day' sung by a		
Maintain a second part in a vocal or	gospel choir.		
instrumental piece (train ostinato).	 Know that hymns and gospel singing 		
 Sing rhythmically and expressively 	have distinctive		
using a	sounds and performance features.		

	<u> </u>
limited range of notes of approximately	Know that musical theatre is a genre
an	of music for
octave with increased control.	storytelling.
Composing	Listen to 'Light at the End of the
Choose instruments and playing	Tunnel' and 'Short
techniques to	Ride in a Fast Machine'.
accurately depict a story of a train	
travelling	
and stopping.	
Record a composition using a graphic	
score to	
show note duration and timings	
 Add pitch names to graphic notation 	
to make	
melodies.	
Make four-bar rhythms using chime	
bars to	
accompany a movie clip (back on track	
Polar	
Express) include: melody, ostinato,	
percussion,	
voice sounds, crescendo and	
diminuendo,	
ritando (slowing down).	
Aural awareness	
Recognise and describe the distinctive	
tone,	
tempo and mood of hymns and gospel	
music.	
Compare songs from musical	
commenting on	
mood, pitch and tempo.	

PHYSICAL EDUCATION				
Key Learning Point – Skills	Key Learning Point – Knowledge	Vocabulary		
Teamwork	1 (Teamwork games)	jump, hop, chassis step,		
- I can take turns.	Star gates (4)	straight half turn, cat		
- I can listen when someone	L2	leap)		
else if giving their idea and	Cat and Mouse (Activity 28)	- Balance (large and small		
contribute my ideas.	L3	body part, on apparatus		
- I can stay motivated for my	Don't hit the coconut (Activity 15)	matching and contrasting		
team and work hard for them.	L4	partner balances)		
- I can follow instructions	Cookie monster (18)	- Rolls (crouched forwards		
given by my peers based on a	L5, L6 & L7	roll, tucked backwards		
job role or position.	Named Block map	roll)		
Fitness	- I can identify where I am	- Jumps (straight, tuck,		
- I can do 60 minutes of active	- I can find a given point	star, jumping jack,		
exercise in a day.	- I can orientate the map where	straddle, pike, straight		
- I can begin to understand my	needed.	half turn, cat leap) –		
body and how muscles grow.	Gymnastics	jumps can start to be off		
- I can begin to understand	(Floor skills)	apparatus.		
the difference between	L1 (Basic shapes)	- Control		
feeling tired and lacking	- I know the 5 basic shapes of	- Coordination		
stamina or resilience.	gymnastics (Straddle, straight, tuck,	- Composition		
Health and Safety	pike, star)	- Peer assess		
- I can explain what being safe	- I can perform the 5 basic shapes when	- Core muscles		
means in school and during PE.	requested.	- Forwards roll		

- -I can identify actions/areas that may be unsafe and explain why.
- I can set up equipment and apparatus safely.
- Competition
- I know what it is to win and
- I can win and lose with dignity.
- I can congratulate the winner.
- I can follow the rules of a game.

I can work to beat my own personal best.

Leadership - I can direct a partner or small group. - I can listen to others and take on board ideas.

Healthy Lifestyle - I can identify and explain the

changes I can feel when I exercise (heart rate, breathing, sweating, muscle groups) - I can understand why I need to exercise and why it is important. - I can take part in a warm

-up and cool down and begin to explain why this is needed. - I can begin

to find links between diet and exercise.

Evaluation - I can make a positive comment on another's performance. - I can explain how I did something and self -evaluate.

- I can say what went well and give an even better if. - I can explain how I did something to help someone else

- I can hold the shape for 3 seconds.
- I can change the level of the shape (standing, sitting, lying)
- I am starting to use my core muscles to balance on one foot, transferring my weight

when moving.

- I know how to control my body and make sure that I am coordinated. E.g. each part of my body work with each other L2 (Practising movements)
- I know the 5 basic shapes of gymnastics (Straddle, straight, tuck, pike, star)
- I can perform the 5 basic shapes when requested.
- I can hold the shape for 3 seconds.
- I can change the level of the shape (standing, sitting, lying)
- I can use different parts of my body to balance upon.
- I can work on different ways to travel.
- I can copy, remember, explore and repeat simple actions, and link and vary ideas with

control and co-ordination

- I know how to keep myself safe when beginning to perform a forwards roll. E.g. head

is securely tucked under, the arms are there to protect and provide balance. L3 (Practising movements)

- I can perfect my movements.

I know how to perform each movement to the best of my ability. - I can walk using pointed toes and fingers. - I can travel safely and with some finesse. L4 (Creating a sequence) - I can apply compositional ideas to sequences alone & with others - I can make sure my sequence is fluid. - I know what fluid means - I can travel safely e.g. on feet, all fours, slide, roll (pencil, log without finesse). - I know how to keep myself and others safe when travelling. L5 (Performance) - I can rehearse and perform my sequence to a partner. - I can give feedback to my partner. - I can work on my sequence based on my partners feedback. - I know what fluid means and I can act upon that. - I can describe my own and others work noting similarities & differences and make suggest improvements

L6 (Performance) - I can rehearse and	
perform my sequence to a partner with	
the improvements they	
suggested.	
- I can perform and have my	
performance recorded I can watch my	
performance back and self-assess.	

	MFL	
Key Learning Point- Skill	Key Learning Point- Knowledge	Vocabulary
Listening	Investigating Languages 1:	Italian and
 I can listen attentively and begin 	Know how to compare	Spanish -
to understand instructions,	cultures by exploring and	
everyday classroom language and	evaluating the origins of	
praise	language, songs, stories,	
words.	numeric and phonic	
• I can look at the face of the person	alphabets.	
speaking and listen attentively.	1term of Italian and 1 term of	
 I can recognise words which the 	Spanish to include:	
teacher mouths silently.	 Know features of Spanish 	
 I can recognise and respond to 	and Italian Culture	
sound patterns and words.	 Recognise lettering and 	
 I can identify specific phonemes 	phonic sounds in Spanish	
and words.	and Italian alphabets	
I can begin to hear main word	Know Spanish and Italian	
classes.	greetings,	
 I can recognise commonly used 	 Know Spanish and Italian 	
rhyming sounds.	numbers to 31	
 I can remember rhyming words. 	 Know how to say and write 	
 I can use actions and rhymes and 	their age and birthday in	
play games to aid memorisation.	Spanish and Italian.	
• I can listen and respond to simple	Know nine colours in	
rhymes, stories and songs.	Spanish and Italian	
	Know key words and	
	phrases for weather	
Speaking		
I can perform simple		
communicative tasks using single		
words, phrases and short sentences.		
I can copy and repeat simple		
sentences which use familiar		
vocabulary, phrases.		
I can imitate pronunciation of		
sounds and begin to reproduce		
them with some accuracy.		
Reading		
 I can to recognise some familiar 		
words in written form.		
• I can to make links between some		
phonemes, rhymes and spellings,		
and read aloud familiar words.		
I can to use pictures and context		
clues to determine meaning.		
I can begin to recognise how		
sounds are represented in written		
form.		

Writing	
 I can use a simple picture 	
dictionary to investigate word	
meanings.	
 I can experiment with building 	
words and phrases using phoneme	
or word card games.	
 I can match words or phrases to 	
pictures, objects, actions or sounds.	
 I can to use knowledge about 	
letters to experiment with writing.	