Key stage: 1 Cycle: 1 Term: Summer Term

Topic: Materials Literacy Focus Text: 'Into the Forest' by Anthony Browne

Learning Challenge	Year 1: Which materials would the Three Little Pigs have used to build their house?  Year 2: Which materials would the Three Little Pigs have used to build their house?					
Programmes of Study	Teaching objectives	Teacher Input / Key questions/ vocabulary	Learning Activities	Assessment Year 1	Assessment Year 2	Cross Curricular Link s
Pupils should be taught to:	To know the names of	What is a material? Show a	Look at objects and match to the material it is	Can the children name a	Can the children name	SMSC Spiritual (curiosity)
io.  identify and compare	different materials and to discuss their uses.	range of materials.  Pair Share: Why do we use	made from -	range of different objects?	objects and match them to their materials?	English
he suitability of a	to discuss their uses.	glass for windows? Why	http://www.bbc.co.uk/scho	Can the children name the	their materials?	Picture talk
variety of everyday		don't we use paper for	ols/scienceclips/ages/6 7/	material an object is made	Can the children explain why	1 loture taik
materials, including	To explore materials	Wellingtons? Why don't we	grouping materials.shtml	from?	a material has been chosen	Writing in Role – diary
wood, metal, plastic,	and objects using	use paper for a waterproof	Pair Share: Discuss why		for a particular object?	writing.
glass, brick, rock, paper	senses.	coat?	are the objects suited to	Can the children use		
and cardboard for		Discuss other materials and	the material?	describing words/adjectives	Can the children use	Conscience Alley 'What
particular uses		their uses.		to describe objects?	scientific vocabulary to	would you do?' SMSC Mo
find out how the	To classify and group		Feely bag – guess the	(scientific vocabulary)	describe what an object feels	
shapes of solid objects	a range of materials.	Introduce images from 'Into	object/material by just		like?	Writing advice to the boy -
made from some		the Forest' by Anthony	using sense of touch.	Can the children talk about		Email SMSC Moral
naterials can be		Browne.	B " B' 0	how they would find	Can the children talk to a	
changed		D T D	Recycling Bin Game.	something out?	partner about what recycling	Write alternative ending
by squashing, bending,		Picture Talk- Describe	Division	0 - 1 - 1 - 1 - 1 - 1 - 1	is and why it is important to	using Little Red Riding Ho
wisting and stretching.		setting. Where is the little	Plan experiment –	Can the children talk about	do it?	story structure.
		boy going? Why? What is he carrying? Why? Discuss	'What material would you use for a basket that	how to plan an investigation?	Can the children plan and	Maths
		traditional tale clues in	contains food and liquid?	Can the children talk about	conduct an investigation	Sorting diagrams - venn
		illustrations. How many do	Contains lood and liquid!	how they would make the	fairly?	diagrams, carroll diagrams
		you recognise?	Experiment – Discuss	investigation fair?	iding :	alagianio, carron alagiani

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 Mby in the little bay same	upot up will reced to be		Can the shildren sele	
Why is the little boy carrying	what we will need to keep	Can the children talk about	Can the children ask	
a basket? What is the basket made from? What	the same and what we		questions?	
	will change to make the	what they have seen?	One that abilded a third	
does it hold? Who is it for?	experiment fair.	0 11 131 1 1 1	Can the children think	
V. 1. 0. 11	Predict and compare	Can the children talk about	scientifically?	
Video – Cat's eyes	results with predictions	any changes?		
'waterproof'	Independnet activities		Can the children observe	
	outside to extend	Can the children predict	changes in an investigation?	
	vocabulary and	what may happen next?		
	understanding- through		Can the children talk about	
	practical and	Can the children ask	their results?	
	observations:	questions about what has		
	<ul> <li>Which paper is</li> </ul>	happened?	Can the children reflect on	
	best for		what has happened?	
	wrapping up a			
	present			
	<ul> <li>Magic materials</li> </ul>			
	drip drop			
	<ul> <li>Tear it</li> </ul>			
	<ul> <li>Which material</li> </ul>			
	is best for			
	mopping up			
	spills			
	Which bag is			
	the strongest			
	Range of recording-	Can the children use simple	Can the children use tables,	
	photos/in	lists and tables to record any	tallies and charts to record	
	books/boards.	results?	their observations and data?	
	books/boards.			

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	1	<u> </u>				,
Pupils should be taught	To understand how to	IWB: Aardman Animations	Create characters from	Can the children talk about	Can the children identify and	
to:	change materials by	View different podcasts of	Wallace and Gromit using	how materials can change	compare a range of different	
identify and compare	bending, squashing	Wallace and Gromit being	plasticine or salt dough.	shape?	materials and how they are	
the suitability of a	and twisting etc.	created using clay,	plaction of call acagin	onapo.	used?	
variety of everyday	and throung otto	alongside Chicken Run,	Design Sheet – Wallace's	Can the children describe		
materials, including	To use different	Morph and Pirates. How did	bed.	the changes using scientific	Can the children discuss	
wood, metal, plastic,	materials to share my	they create it? What did		vocabulary?	purpose and suitability of	
glass, brick, rock, paper	ideas.	they use? What steps did	Use designs previously	,	certain materials?	
and cardboard for		they take to make the	completed to create their	Can the children design a 3d		
particular uses	To make a winding	character? Did they create	own 3d model of	model?	Can the children plan,	
I find out how the	mechanism.	all the parts separately or	Wallace's bed. What does		design and make a 3D	
shapes of solid objects		altogether?	it look like? What features	Can the children describe	model?	
made from some	To work on projects in		does it need? What	which materials they will use		
materials can be	three dimensions and	Watch Wallace and Gromit -	material are you going to	and why they have chosen	Can the children review and	
changed	on different scales.	The Wrong Trousers. What	use? Why are you using	them?	evaluate their model?	
by squashing, bending,		is our bed going to look	it? Purpose? (straws,			
twisting and stretching.	To design an object.	like? How are we going to	card, lollipop sticks,		Can the children justify their	
D.T.		make it? What are we going	cardboard boxes)		choice of materials and	
DT		to use? Model how to			techniques?	
Design		create a simple bed frame.	Investigate different			
design purposeful,		What can we use for the	winding mechanisms on			
functional, appealing		mattress? The bedding?	toys, trucks, boats,			

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products for	Which material would be	cranes. Can you create		
themselves and other	best? Why?	your own toy with a		
users		winding mechanism out of		
based on design	Watch Wallace and Gromit -	construction?		
criteria	The Wrong Trousers. What			
Make	is special about Wallace's	Add winding mechanism	Can the children talk about	
select from and use a	bed? What does it do that	to their 3d model. What is	how they might make their	
range of tools and	your bed doesn't do?	the mechanism going to	3D model move?	
equipment to perform		do? Where does it need		
practical tasks [for	Discuss winding	to go? How will it work?	Can the children discuss a	
example, cutting,	mechanisms. What is a	Evaluate work and make	range of winding or moving	
shaping, joining and	winding mechanism? Have	any changes necessary to	different mechanisms and	
finishing]	you used one before? What	improve their invention.	how they work?	
select from and use a	have you use it for? What		-	
wide range of materials	did it do? How does it work?			
and components,				
including construction				
materials, textiles and				
ingredients, according				
to their characteristics				
Technical knowledge				
build structures,				
exploring how they can				
be made stronger,				
stiffer and more stable				
explore and use				
mechanisms [for				
example, levers,				
sliders, wheels and				
axles], in their				
products.				

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Art  I to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space	To explore contrasting colours in Art.	Power point — Anthony Browne's illustrations for the book. Why has Anthony Browne chosen dark colours for the forest and colourful for the characters? Discuss contrasts. How can we recreate this in our art work?	Tree sketching – charcoal  Produce art work in the style of Anthony Browne with contrasting colours.  Tree word art display	Can the children sort and match hot and cold colours?  Can the children talk about and sort light and dark colours?	Can the children identify differences in a range of colours? Can children describe what is different in colours? Can the children compare contrasting colours?	
Geography	To be able use maps	Look at a range of maps on	Maps and plans school.	Can the children use aerial	Can the children use aerial	
- use simple compass	and draw own plans.	the IWB of schools and		photographs, maps and	photographs, maps and	
directions (North,		Uttoxeter. What are the	Make a list of similarities	atlases to locate?	atlases to locate?	
South, East and West)	To be able to use co-	maps of? What can you	and differences about a			
and locational and	ordinates to locate on	identify on the maps? Have	new and old map of		Can the children use co –	
directional language	a map.	you seen a map like this	St.Mary's.	Can the children use	ordinates and keys to help	
[for example, near and		before? What is different to		templates to create an aerial	them locate?	
far; left and right], to	To recognise North,	the maps we have used last	Make a map of the school	view map of their own		
describe the location	South, East and West.	half term?- (older)	adding key features of the	locality?	Can the children draw their	
of features and routes			school. Add a key to the		own simple map using co-	
on a map	OS symbols (AA)	Look at a plan of the school	map	Can the children write simple	ordinates?	
🛚 use aerial		in preparation for a rubbish		instructions to create a		
photographs and plan		hunt. Locate key features of	Draw up a plan of the	treasure hunt?	Can the children add a key	
perspectives to		the school. Model how to	school. Make a set of		to their map?	
recognise landmarks		show if there is rubbish-	instructions for children to	Can the children recognise		
and basic		tally for amounts, then use	follow on a treasure hunt.	NSEW on a compass?	Can the children write	
human and physical		a colour system to show the			instructions for their treasure	
features; devise a		most affected areas.	Using a plan of the school	Can the children use	map hunt?	
simple map; and use			go on a rubbish hunt	directional vocabulary?		
and construct basic		Look at atlases and ask	around the playground,		Can children use compasses	
symbols in a key		children in pairs to find	highlighting the areas		to follow instructions and	
use simple fieldwork		different places using co-	where most rubbish is		directions?	

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and observational skills		ordinates.	found.			
to study the geography of their school and			Using compasses follow			
its grounds and the key			instructions around the			
human and physical			playground to get to an			
features of its			end point. Record start			
surrounding			and end point.			
environment.			Using N,S,E,W etc record			
			down directions for			
			particular places within			
			the UK (Places we are			
			going on holiday? Places			
			we have visited?)			
			Using a map, locate			
			where you may be going			
			on holiday/ have visited			
			before and plan a route.			
			Record how you will travel to get there. Record three			
			things you have found			
			out. le- you cross the			
			seaetc			
			First skills map- symbols			
			First Skills Maps – North,			
			south, east and West.			
		Read and compare the two				
use basic	To identify the features of our local	stories - Percy and the Park	Construct playground	Can the children describe their local environment?	Can the children use	SMSC Spiritual
geographical vocabulary to refer to:	environment.	Keeper and Into the Forest.	equipment from lego, clixi straws, multilink, Knex etc		geographical vocabulary when describing features of	
key physical features,	(parks, forests)		odaws, madiling, relieved	Can the children make a 3D	their local environment?	
, p , 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	., ., ,	Describe the environment in		<del></del>		

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including: beach, cliff,	both stories. What	Measure materials	model?	Can the children construct a	
coast, forest, hill,	parks/forests do you go to?	accurately using rulers.		3D model?	
mountain, sea,	What do you do when you		Can the children use rulers		
ocean, river, soil,	go to the park/forest? Ask a	List / draw features of a	to measure?	Can the children talk about	
valley, vegetation,	friend. Which is the better	park/forest (inc. toilets,		strength and suitability of	
season and weather	park/forest? Why?	bins, sports facitlities etc)	Can the children use a range	materials they have chosen?	
🛮 key human features,	Hotseat as a 'park visitor'.	List reasons why you use	of techniques to join and cut		
including: city, town,	Children to ask questions	the park/forest.	materials needed?	Can the children use	
village, factory, farm,	about the park.	•		equipment and techniques to	
house, office, port,	In partners, mime and	Discussion and writing -		construct their model?	
harbour and shop	partner to guess what you	"Bramshall park is better			
1	are doing in the park.	than Pennycroft Park"			
DT		"Slides are better			SMSC Spiritual, Social and
Plan, make and		than swings".			Moral
evaluate making a 3D	What do you play on in the	"Dimingsdale is better			
model.	park? How does it work? Do	than Dovedale"	Can the children talk about	Can the children debate with	
	you push, pull, or spin?		their thoughts, feelings and	another person in a polite	
	Discuss designing and		opinions in a polite way?	and respectful way?	
	making own playground				
	equipment. What materials			Can the children talk about	
	would you need? Which			their thoughts, feelings and	
	parts need to move?			opinions in a polite way?	
	Use Big Book Map Skills 2				
	& IWB ActivStudio				
	'annotations' to introduce				
	plans				
	Last description				0M00 0 11 1 1 0 11 1 1 1
	Look at present	O			SMSC Spiritual, Social and
	development plans in	Conscience Alley.			Moral
	Uttoxeter. How is your local		Con the shildren tells of and	Con the obildren white -	
	environment going to	Letter writing to the local	Can the children talk about	Can the children write a	
	change? Why? Do you think	council.	how their local environment	letter containing some of	E. ru
	it's a good thing or a bad		has been changing?	their thoughts and feelings?	English –

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		thing? Why?  Park Ranger guest speaker.		Can the children talk about positive and negative impacts of changes to their local environment?	Can the children talk about positive and negative impacts of changes to their local environment?	Rules for new park area/ planters/playground areas.  SMSC Moral, Cultural and Social
PSHE  Science Materials and their properties – Pupils should be taught to:  I distinguish between an object and the material from which it is made I identify and name a variety of everyday materials, including wood, plastic, glass,	To know what damages the environment.  To know how to be environmentally friendly.	What do you like about the park? How can you look after it? Who should look after it? How can you make it better? Talk about noise pollution, sound pollution as well as litter being harmful to the environment.  Relate responses to our own playground (school council).  What are the bad things	Visitor – Nurse, Life Caravan to talk about dangers.  Poster – Keep safe in the Park.  Recycling Bin Game.  Explore recycling sites – http://www.recyclezone.or g.uk/ http://www.ollierecycles.c om/uk/html/explore.html	Can the children talk about dangers in their locality?  Can the children talk about what recycling is and who does it?	Can the children talk about what is good about their local environment?  Can the children talk about how they can look after their locality?  Can the children discuss recycling and describe what it is and why it is important?	SMSC Moral, Spiritual

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metal, water, and rock	about the park? What can	Design and make a		
describe the simple	we do to make areas safer?	Recycling bin. Evaluate		
physical properties of a		design.		
variety of everyday	Pair Share: How can we			
materials	avoid having too much	Reduce, reuse and		
Compare and group	rubbish in our bin? What is	recycle diary (see		
together a variety of	recycling? Why is it	worksheet)		
everyday materials on	important to recycle? What			
the basis of their	can be recycled?	Use website for stories		
simple physical	What is the difference	about reducing, reusing		
properties.	between recycling and	and recycling -		
	reusing?	http://www.nationwideedu		
		cation.co.uk/sustainability		SMSC Social
	BBC Class Clip – children	-education/students/04-		
	recycling –	07_sustainable-		
	http://www.bbc.co.uk/learnin	houses/work-sheets.php		
	gzone/clips/recycling-whats-			
	the-best-way-to-sort-	Sort objects into		
	waste/2470.html	recyclable groups. What		
		would you recycle, reuse		
		or reduce? (paper, toys,		
	The three R's:	cans)		
	Reduce - reduce the			
		Use web game to sort		
	amount of things you buy	range of objects into		
	and use and you will have	recyclable containers – http://kids.nationalgeogra		
	less to throw away	phic.com/kids/games/acti		
	Reuse - keep using the	ongames/recycle- roundup/		
	, ,			
	same things as many times	Find out three interesting		
	as you can	recycling facts using the		
	,	internet.		

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PSHE	L.O To understand sun safety.  L.O To show awareness of road safety.	Recycle - find new ways to use old things and  Road safety stepping out walk year 1/2  Recycling walk around the playground IWB to introduce sun safety.	road safety leaflet Sun safety Recycling- leaflet post Persuasive words.	Can the children discuss key facts about sun safety and road safety?  Can the children record their ideas in different ways?	Can the children discuss and record key facts about sun safety and road safety?  Can the children use persuasive words in their posters?	SMSC- Moral, social,
History Pupils should be taught about: Changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life significant historical events, people and places in their own locality  DT Make a Victorian toy model. Make a Victorian game	Local history – Uttoxeter  To understand changes in living memory.  To know how and why children's lives have changed since the Victorian times  To know how Victorian toys and games were different To know how and why	IWB – Show image of St Marys First School. Pair Share: What is the name of our school? Do you know the names of any other schools in Uttoxeter? IWB - Show images of two schools in the area. Pair Share: Which school building is older? Our school was built a little over 100 years ago. Do you think school was different 100 years ago in the Victorian times? How would it have been different? What do you want to find out about Victorian times? List questions on the	Play Victorian games and new classroom games.  Role-play Victorian Museum  Espresso- History- Toy Museum  Comic Life – Import image of an old toy and write a description for display in toy museum. (name, age, usage, materials, age range etc) Extend to using Microsoft Word for descriptive text.	Can the children research schools from the Victorian times?  Can the children list things that have changed and things that are the same now?  Can the children talk about how children's lives have changed?	Can the children compare old and new schools?  Can children compare school rooms and school games?  Can the children describe what it was like for a Victorian child in a Victorian school?	

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	schools have changed	question tree.	Use 'borders and shading'		
			to edit captions.		
		Read – 'A day in the life of a			
		Victorian Child'.	BBC Primary History –		
			Children in Victorian		
		Watch – BBC Primary	Britain 'Playing in the		
		History - Children in	1900's – What is Wrong?'		
		Victorian Britain (Children at school) DVD	Activity.		
			Hotseat - Write down		
			questions about Victorian		
			childhood.		
			Work with partner and		
			discuss the differences		
			between old and new		
			classrooms using		
			'Schoolrooms Long Ago'		
			sheet		
			Observational drawing of		
			a Victorian/modern		
			school.		
			Observe described		
			Observe, draw and label		
			an essential piece of classroom equipment –		
			old and new. (eg		
			IWB/slate, table/desk)		
			Use school room artefacts		
History			for role play (slates, ink		

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Use artefacts to	pens, copybooks)	
research.	Write on slates and	
	copybooks – Victorian	
	schoolroom (use smocks	
	and mob caps)	
	History Hunt –go around	
	the school looking for	
	clues of old school .e.g	
	school bell, old toilets	
	Casaah bubbla aniniana	
	Speech bubble opinions	
	sheet e.g. "I would enjoy being a Victorian child	
	because	
	500000	
	'School Room' –	
	descriptive writing activity.	
	'A 1900's classroom' what	
	is wrong? Activity.	
	is widing? Activity.	
	Writing timeline – cut and	
	stick to create.	
	www.bbc.co.uk/schools/vi	
	ctorians/flash.shtml	
	Spot the mistakes in a	
	Victorian classroom	
	picture.	
	Use Victorian Child	
	templates and clothes to	
	create models of Victorian	

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			The state of the s	
		dressed children.		
		Create sepia images of		
		the children dressed in		
		typical Victorian Dress.		
		Children to take pictures		
		of each other. Teacher to		
		model how to make them		
		into sepia. Children to		
		alter each image and		
		print.		
		l'		
To know	w that food How are we going to find	we going to find Coin rubbing – order		
shoppir	ng was out about shopping in the	shopping in the coins – looking at old		
differen	at in the past. past? Pictures, coins,	tures, coins, coins sheet		
	photos. Scan an old photo	can an old photo		
	of Uttoxeter high street onto			
	the interactive whiteboard.			
	What does the photo tell us	s the photo tell us Find differences between		
	about shops in the past?			
	What is the same and what			
	is different? Look at			
	selection of old and new toy			
	tills? How are they the			
	same/different?	'		
		in the past. (Recording		
		sheet – photos give us		
	Why has shopping			
	changed? Look at			
	photographs of milk being			
	delivered to houses from	· · · · · · · · · · · · · · · · · · ·		
	milk churns? What do you			
	get delivered to your			
	houses today? Why do you			
	get it delivered? Why did	/ered? Why did Draw old food packaging		

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	delivered 100 years ago?  (marmiticadvert for to eat.)  Order displayed according to eat.  Use a sign sheet to between years agget my reducther is on my to butcher is on my to new to new to new to new to new matching the sheet connew matching the sheet	different tills ling to age  speech bubble to show differences en shopping 100 ago and today e.g. I meat from the en because the shop ny street".  sheet from Grocery to supermarket ete recording sheet re old tills different		
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Road safety	First steps  ROAD SAFETY – walk surrounding roads. Include crossings, junctions, safe places to cross and dangers.		SMSC Moral Social