

Theme Overview		Project Outcomes			
Understand the effect of changing seasons on the natural world around them.		To talk about different materials.			
Explore the natural world around them		To test materials and say which is more suitable to solve a problem.			
Describe what they can see, hear and feel whilst outside.		(make a bridge for the billy goats, make a boat for the gingerbread			
Use talk to help work out problems and organise thinking and activities,		man)			
and to explain how things work and why they might happen.		To use new vocabulary to describe materials and properties -strong,			
Connect one idea or action to another us	ing a range of connectives.(nar-	sturdy, fragile, plastic, wooden, metal, thick, thin, waterproof, floats, sinks, cardboard, paper, balance, stable,			
rate actions, remind of previous events,	extend their thinking				
Learn and use new vocabulary throughout the day.					
Science prompt questions.		Longitudinal study			
What can you see?		Opportunities to record the weather changes.			
What does it remind you of?		To take photos and comment on changes in trees plants that have			
What do you think will happen next?		started to arow			
How can we change this?					
What do you already know about?					
What is the same/different?					
I wonder why					
l wonder when					
I wonder how					
I wonder what					
What would happen it?					
Skills Focus	Sequence of Learning	1			
Main Skills Focus:	Lesson 1:To solve a problem	Other opportunities through	Outdoor provision – can you use		
To combine materials to make a	LI - To investigate and make a way for	provision	different obstacles to get over		
structure or a boat.	the gingerbread to cross the river		mud? Stepping stones, bridge,		
To test materials to see if suitable for	safely.	Can you help the story characters	crates and tyres, planks. Work		
purpose.	Show a picture of the gingerbread man	cross the gap? (spring roll man, billy	together to move and plan ideas.		
To talk about why they choose/did	being eaten by the fox. The ginger-	goats gruff)			
things.	bread's brother wants to cross the river		Adults take photos and record pupil		
	but ne does not want to be eaten by the		voice so can share end of term.		

Linked Skills Focus: Design technology – joining materials Think, pair, share. (adults listening into the table (different materials each day) lambard Kingdom Brunel- English – Clifton suspension bridge. http://www.historyofbridges.com/bridges history/famous-bridge-designers History/famous-bridge-designers Teaching science skills and techniques at the van all be scientists. • We are curious, we share ideas, ex- plore our environment and ask ques- tions to find out the answers to things we don't not know yet. • We are curious, we share ideas, ex- plore our environment and ask ques- tions to find out the answers to things we don't not know yet. • We and curious and pupil voice collected. Add
to seesaw

Lesson 4/5 - To design a different way to cross a river. (Linked to DT)	Opportunities / objects for
Recap all the different ways you have made bridges this term. (show	scientific questioning
photos children talk about what they found out)	
What do you think the best materials were? What were any problems	Sorting materials - testing strength
you found? Did you solve them?	weights.
	Can it bend? Stretch? Twist?
Can you think of a different way for lego man to cross a river not a	Testing how to join materials - tape,
boat or bridge – think creatively! (helicopter, plane, hot air balloon,	glue, paper clips,
kite, submarine, rope swing,)	Feely boxes - materials - Can you
Can you draw your design? What would you use to make it from? Can	describe it - soft, smooth, rough,
you work with a partner?	bumpy, hard,
	Up close pictures different
Can you test it? What did you find out? Do you need to change	materials can you match them.
anything? Which materials did you use and why?	Books / pictures on boats and
	bridges.