Construction Area

Link to Development Matters

Birth to Three Years

Develop manipulation and control. Explore different materials and tools.

Combine objects like stacking blocks and cups. Put objects inside others and take them out again. Compare amounts, saying 'lots', 'more' or 'same'.

Develop counting-like behaviour, such as making sounds, pointing or saying some numbers in sequence. Count in everyday contexts, sometimes skipping numbers – '1-2-3-5'.

Build with a range of resources. Compare sizes, weights etc. using gesture and language Notice patterns and arrange things

Explore materials with different properties.

in patterns.

Explore different materials, using all their senses to investigate them.
Use their imagination as they consider what they can do with different materials.

Make simple models which express their ideas.

Three to Four Years

Use a wider range of vocabulary. Select and use activities and resources, with help when needed. This helps them to achieve a goal they have chosen, or one which is suggested to them.

Play with one or more other children, extending and elaborating play ideas.

Choose the right resources to carry out their own plan.

Collaborate with others to manage large items

Develop fast recognition of up to 3 objects, without having to count them individually ('subitising'). Recite numbers past 5. Say one number for each item in order: 1,2,3,4,5. Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle'). Compare quantities using language: 'more than', 'fewer than'. Make comparisons between objects relating to size, length, weight and

Select shapes appropriately: flat surfaces for building, a triangular prism for a roof, etc. Combine shapes to make new ones – an arch, a bigger triangle, etc. Extend and create ABAB patterns –

capacity.

Extend and create ABAB patterns – stick, leaf, stick, leaf. Notice and correct an error in a repeating pattern.

Reception

Use new vocabulary through the day. Build constructive and respectful relationships.

Confidently and safely use a range of large and small apparatus indoors and outside, alone and in a group.
Count objects
Subitise.

Link the number symbol (numeral) with its cardinal number value. Understand the 'one more than/one less than' relationship between consecutive numbers.

Select, rotate and manipulate shapes to develop spatial reasoning skills.

Continue, copy and create repeating patterns.

Make patterns with varying rules (including AB, ABB and ABBC) and objects and invite children to continue the pattern. Compare length, weight and capacity.
Understand that some places are special to members of their community.

Recognise that people have different beliefs and celebrate special times in different ways.

Recognise some similarities and differences between life in this country and life in other countries. Return to and build on their previous learning, refining ideas and developing their ability to represent them. Create collaboratively, sharing ideas, resources and skills.

Early Learning Goal

Offer explanations for why things might happen, from stories, nonfiction, making use of recently introduced vocabulary rhymes and poems when appropriate
Set and work towards simple goals, being able to wait for what they want and control their immediate impulses when appropriate.
Work and play cooperatively and take turns with others
Form positive attachments to adults and friendships with peers
Show sensitivity to their own and to others' needs.

Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.

Understand the past through settings, characters and events encountered in books read in class and storytelling

			Know that there ar	a different	T .		1	
			countries in the world and talk about the differences they have experienced or seen in photos. Make imaginative and complex					
			'small worlds' with					
			construction kits,	The second secon				
			different buildings and a park.					
Skills Developed	Exploring the	Carrying and	Beginning to	Creating bridges	Creating	Creating more	Early	Later
	blocks using a	combining the	order and stack	using a variety of	enclosures for a	sophisticated	Representation	Representation
	variety of	blocks into size	the blocks	construction.	purpose often	enclosures	of familiar	of more complex
	senses.	order.			linked to small	including	structures	buildings and
					world.	Patterns and		structures
						Symmetry		
Enabling	A variety of	A variety of	A variety of	A variety of	A variety of	Mirrors	A variety of	A variety of
Environments	different sized	different sized	different sized	different sized	different sized	A variety of	different sized	different sized
Limitolillelits	wooden blocks	wooden blocks	wooden blocks	wooden blocks	wooden blocks	different sized	wooden blocks	wooden blocks
		Hollow blocks			Hollow blocks	wooden blocks	Hollow blocks	Hollow blocks
	Hollow blocks		Hollow blocks	Hollow blocks				
	Foam blocks	Magnetic tiles	Magnetic tiles	Magnetic tiles	Fabric pieces	Hollow blocks	Fabric pieces	Fabric pieces
		Stickle bricks	Stickle bricks	Stickle bricks	Recycled	Fabric pieces	Recycled	Recycled
					materials	Recycled	materials	materials
					(Tubes, bottle	materials	(Tubes, bottle	(Tubes, bottle
					caps)	(Tubes, bottle	caps)	caps)
					Small planks of	caps)	Small planks of	Small planks of
					wood	Small planks of	wood	wood
					Carboard boxes	wood	Carboard boxes	Carboard boxes
					Natural	Carboard boxes	Natural	Natural
					materials	Natural	materials	materials
					(stones,	materials	(stones,	(stones,
					pinecones)	(stones,	pinecones)	pinecones)
					Images of	pinecones)	Spirit Levels	Spirit Levels
					familiar	Images of	Hard Hats	Hard Hats
						-		Tools
					buildings	familiar	Clipboards	
						buildings	Pencils	Clipboards
							Images of	Pencils
							buildings across	Images of
							the world	buildings across
								the world
Specific	Build , Stack, Balance, Lift, Carry, Push, Pull, Big, Little, In, Out, Under, Fix, Join, Measure, Connect, Create, Plan, Design, Test, Construct, Collapse,							
Vocabulary	Top, behind, More, Lots, Long, Short, Tall, Small, Large, Hard, Soft, Through,							

	Between, Side, front, Back, Over, Around, Next to, Some, Less, A bit, ost, First, Last, After, Before, Same, Different, Heavy	Equipment, Materials, Components, Mechanism, Fasteners, Planks, Long, Short, Tall, Small, Large, Hard, Soft, Through, Near, Between, Side, front, Back, Over, Around, Next to, Some, Less, A bit, All, Most, First, Last, After, Before, Same, Different, Heavy, Thick, Thin, Wide, Narrow, Through, Smooth, Above, Below, Forwards Backwards, Both, Few, Enough, Half, Whole, Second, Next, Light (weight), Corner, Straight, Bendy, Bigger, Heavier, Taller, Longer, Biggest, Heaviest, Tallest, Longest
Focus and n	1.1 – Naming / Matching Perception (2–3 years) s: Looking at what is directly in front of the child. Basic identification naming. l. What is this? (while pointing to a block) l. Where is the red block? l. Show me a big block. l. Can you find one like this? (showing a block) l. What colour is this block? l. Where is the tower you built? l. Point to the square block	Level 3 – Reordering Perception (4–5 years) Focus: Reasoning, sequencing, explaining simple cause and effect. 1. What will happen if we take the bottom block away? 2. Why did your tower fall down? 3. What do we need to make a bridge? 4. What could you build next? 5. Can you show me how you made it? 6. What do we need first to build a house? 7. Why did you put that block on top?
Level Focus	2 – Selective Analysis of Perception (3–4 years) s: Describing, categorizing, comparing, identifying functions. What is your tower made of? Which block is the biggest? What shape is the roof? What do we use this block for? How are these two blocks the same/different? What can you build with these blocks? Which one is heavier/lighter?	Level 4 – Reasoning Beyond the Here and Now (5–6 years) Focus: Problem-solving, making predictions, imagining, explaining reasoning. 1. What could you do if you run out of blocks? 2. How would you make your tower stronger? 3. Why do you think your friend's building is taller? 4. What could you build if the blocks were all round? 5. What would happen if we built outside? 6. How is building with blocks like building a real house? 7. What would you do differently next time?