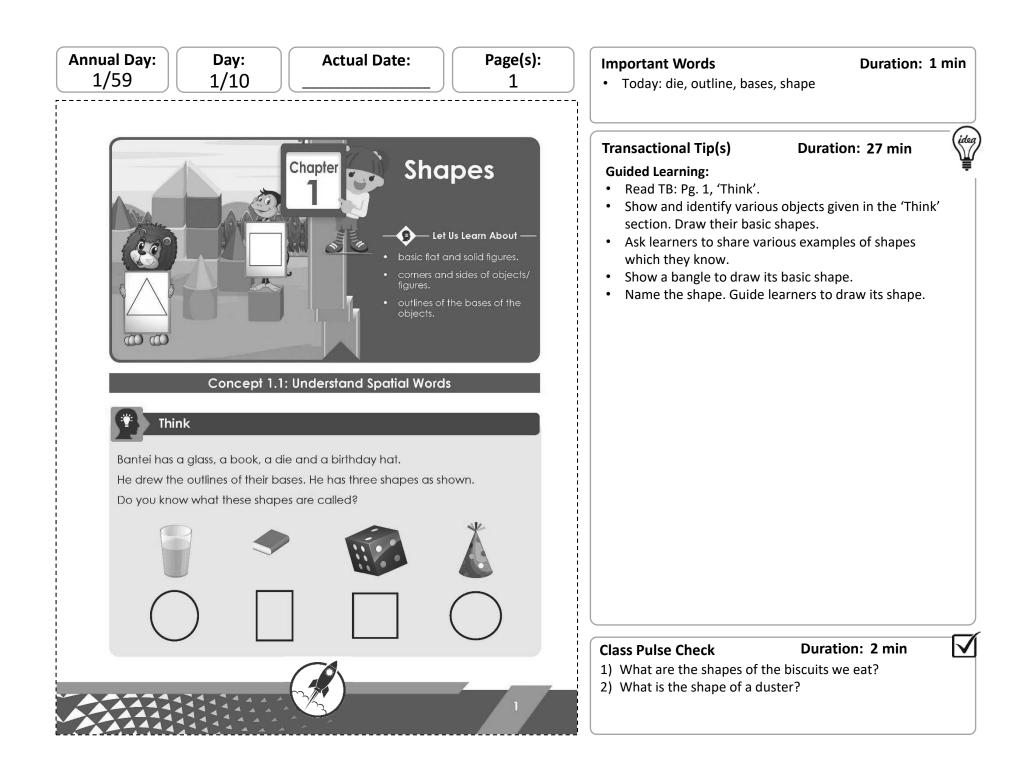


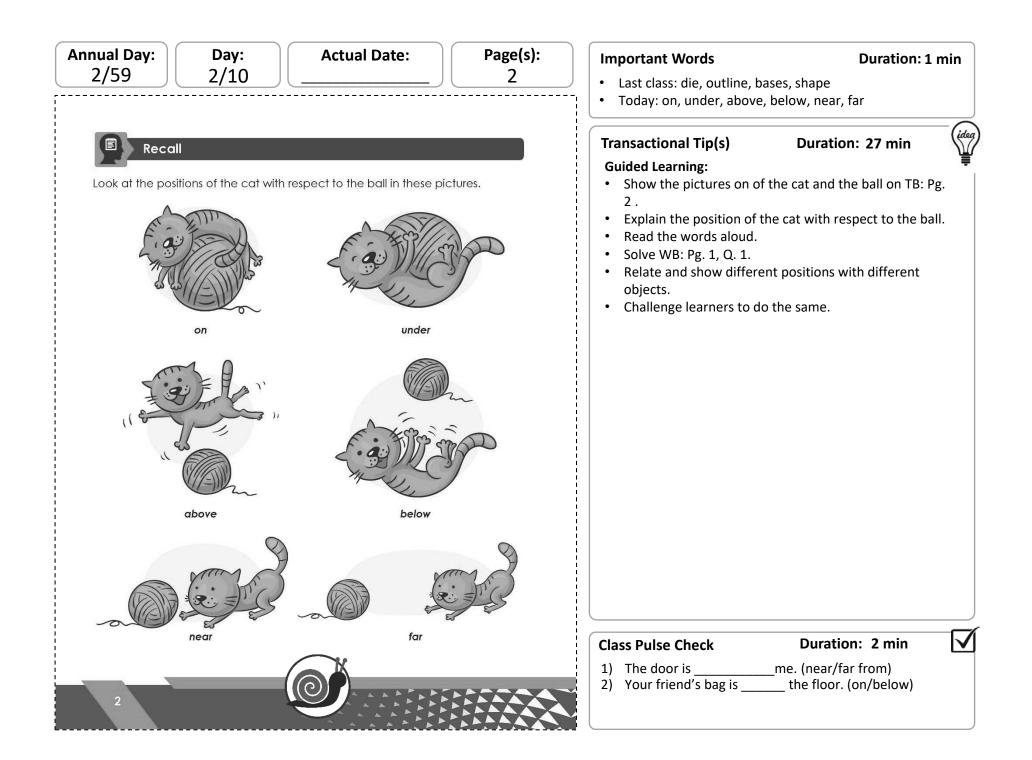
MAGNOLIA LESSON PLAN MATHS

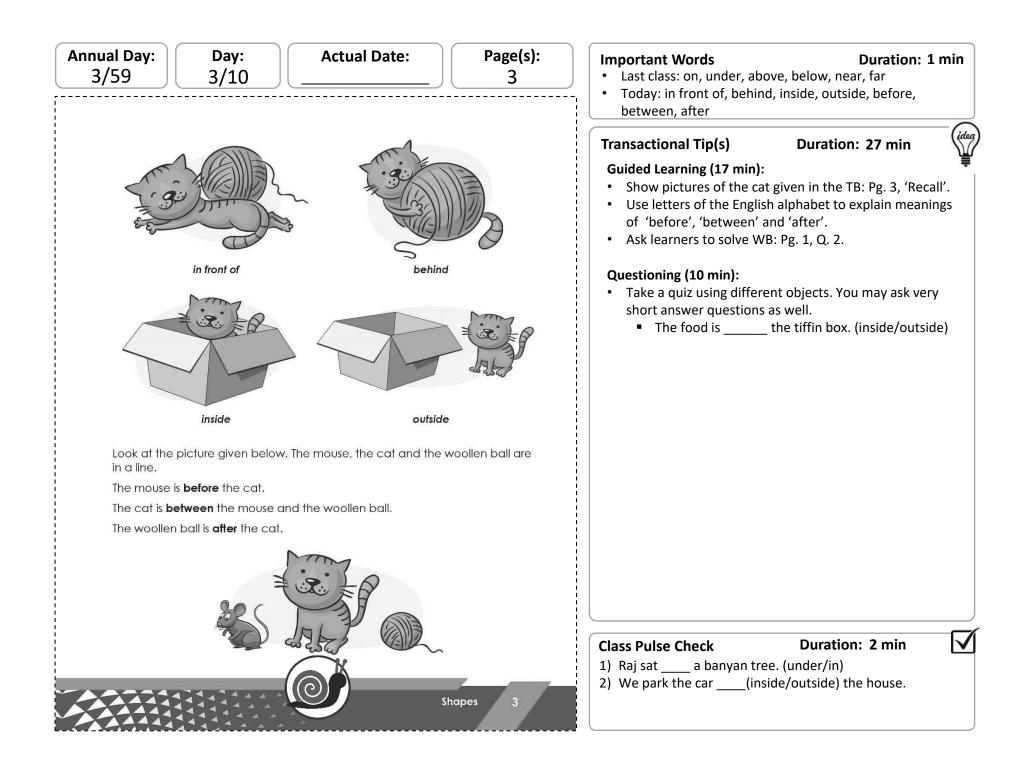
A – Curriculum to Learning Objectives: Geometry							
Prior Knowledge		Names of flat shapes					
Class	Ch. No.	Chapter Name	C. No.	Concept Name	L. Obj. No.	Learning Objectives	
		Shapes	1.1	Understand Spatial Words	1.1.a	basic flat and solid figures	
1	1				1.1.b	 corners and sides of objects/figures 	
					1.1.c	 outlines of the bases of the objects 	
			1.1		1.1.a	 lines, open figures and closed figures 	
	1	Shapes		Identify the Geometrical Features	1.1.b	drawing figures using lines	
2				of Objects	1.1.c	basic flat and solid figures	
					1.1.d	 flat figures as outlines of the surfaces of solid figures 	
		Shapes	1.1	Vertices and Diagonals of Two-dimensional Shapes	1.1.a	 identifying 2D shapes with straight and curved lines 	
3	1				1.1.b	 identifying sides, corners and diagonals 	
5					1.1.c	making a tangram	
					1.1.d	 recognising 3D shapes and their faces and edges 	
		Shapes	1.1	Circle and its Parts	1.1.a	circle and its parts	
4	1				1.1.b	drawing a circle	
4				Reflection and Symmetry	1.2.a	 reflection and symmetry in figures 	
					1.2.b	tessellation and tiling	
	1	Shapes	1.1	Identify and Classify Angles	1.1.a	 angles and naming the angles 	
					1.1.b	using a protractor	
5					1.1.c	properties of a protractor	
					1.1.d	types of angles	
				Nets and Views of Solids	1.2.a	 nets of cubes, cuboids, cylinders and cones 	
					1.2.b	 top, front and side views of objects 	

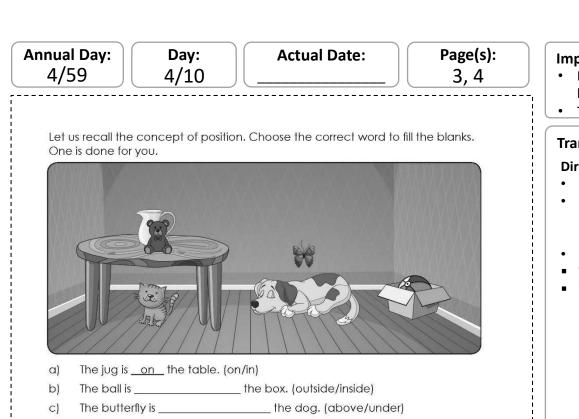
B – Vision-to-Action Plan: 1.1 Understand Spatial Words							
Period and Planned Date	TB Page No. and Key Competency	L. Obj. No.	Learning Outcome(s)	Teaching Strategies	Resources	Practice	Areas to Focus
1 DD/MM/YYYY	1 — ТНК	1.1.a	 Recall the basic shapes of objects. 	 Guided Learning 	bangles	-	
2 DD/MM/YYYY	2 – RCL	1.1.a	 Describe various positions with respect to an object: on, under, above, below, near, far. 	 Guided Learning 	-	WB: Pg. 1 (Q. 1, 2)	
3 DD/MM/YYYY	3 – RCL	1.1.a	 Describe various positions with respect to an object: in front of, behind, inside, outside, before, between, after. 	 Guided Learning Questioning 	_	_	
4 DD/MM/YYYY	3, 4 – RCL	1.1.a	 Use correct words to describe positions of objects. 	• Direct Instruction	_	TB: Pg. 4 (Fill in the blanks) WB: Pg. 1 (Q. 3)	
5 DD/MM/YYYY	4-6 – REM/UND	1.1.a	 Identify flat figures and their properties. Identify objects in the surroundings having different flat figures. 	• Direct Instruction	 Chart of Flat Figures 	WB: Pg. 2 (Q. 4, 5, 12)	
6 DD/MM/YYYY	5, 6 – REM/UND	1.1.b	 Count the sides and corners of a flat figure. 	Practising	• Geoboard	WB: Pg. 2 (Q. 6-11, 13, 14)	

Period and Planned Date	TB Page No. and Key Competency	L. Obj. No.	Learning Outcome(s)	Teaching Strategies	Resources	Practice	Areas to Focus
7 DD/MM/YYYY	6, 7 – APP	1.1.b	 Understand solid figures and relate the solid figures with the objects in our surroundings. 	 Interactive Discussion 	-	WB: Pgs. 3, 4 (Q. 15, 17)	
8 DD/MM/YYYY	7, 8 – HOTS	1.1.c	 Identify the solid figures (3D shapes) using examples. 	Questioning	-	WB: Pgs. 3, 4 (Q. 16, 18)	
9 DD/MM/YYYY	7, 8 – HOTS	1.1.c	 Revise spatial words, 2D shapes, solid figures. 	 Peer Learning 	-	TB: Pg. 8	
10 DD/MM/YYYY	8-11 – Drill Time	1.1.c	 Revise spatial words, 2D shapes, solid figures. 	 Peer Learning 	-	TB: Pgs. 8-11 (Drill Time)	







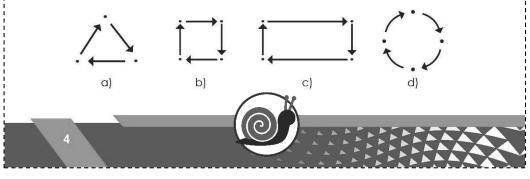


- The cat is ______ the table. (above/under) d)
- The dog is ______ the table. (far away from/near) e)
- The teddy bear is ______ the jug. (behind/in front of) f)

Remembering and Understanding

Let us learn about shapes through an example.

Example 1: Join the dots in order and name the shapes formed.



Important Words

• Last class: in front of, behind, inside, outside, before, between, after

Duration: 1 min

idea

• Today: before, between, far away

Transactional Tip(s) Duration: 27 min **Direct Instruction:**

- Revise the special words from 'Recall'.
- Draw a star above a line on the blackboard. Frame questions based on the position of the star and the line.
- Solve:
- TB: Pg. 4, 'Fill in the Blanks';
- WB: Pg. 1, Q. 3.

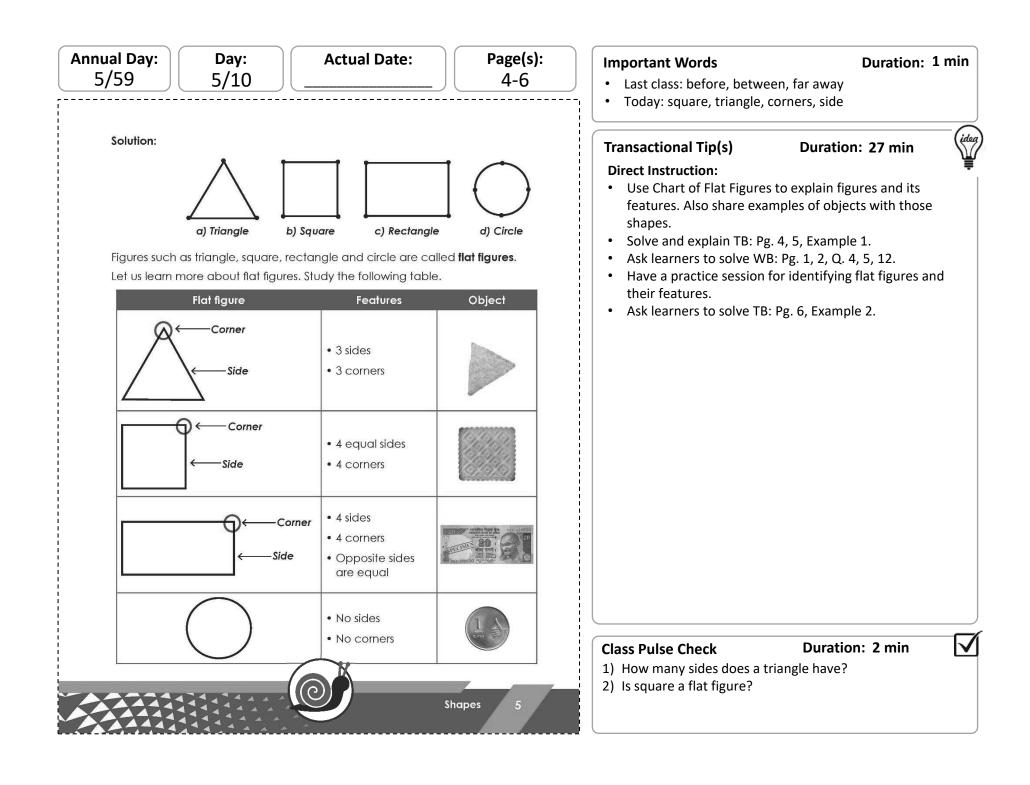
Class Pulse Check

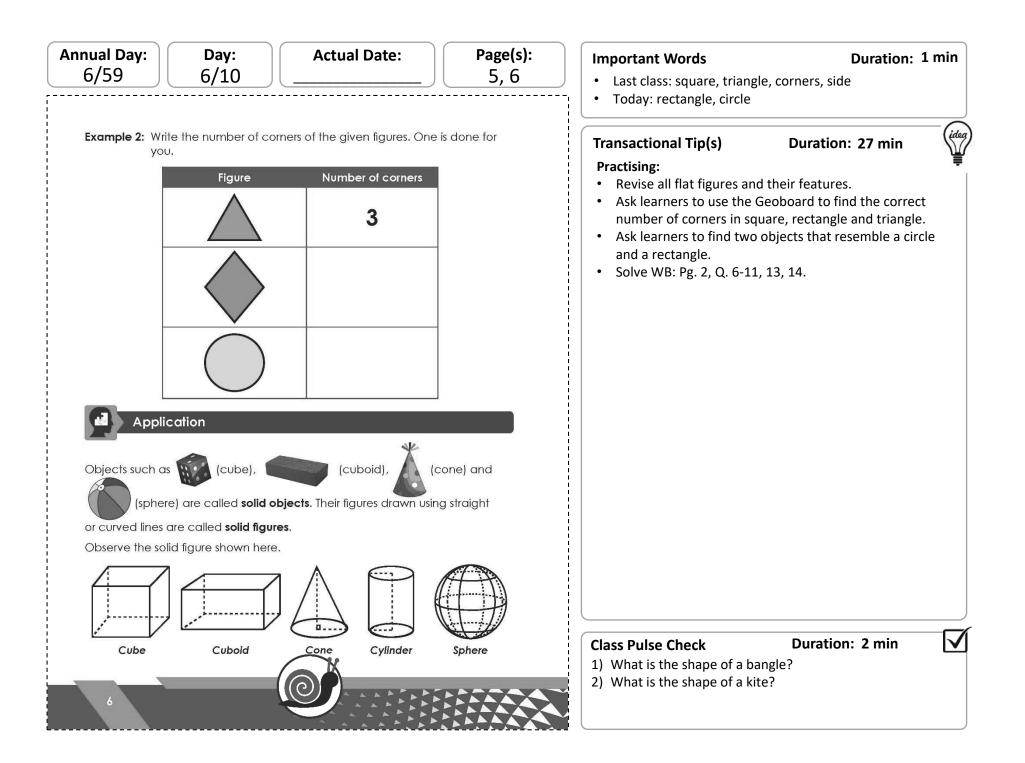
Duration: 2 min

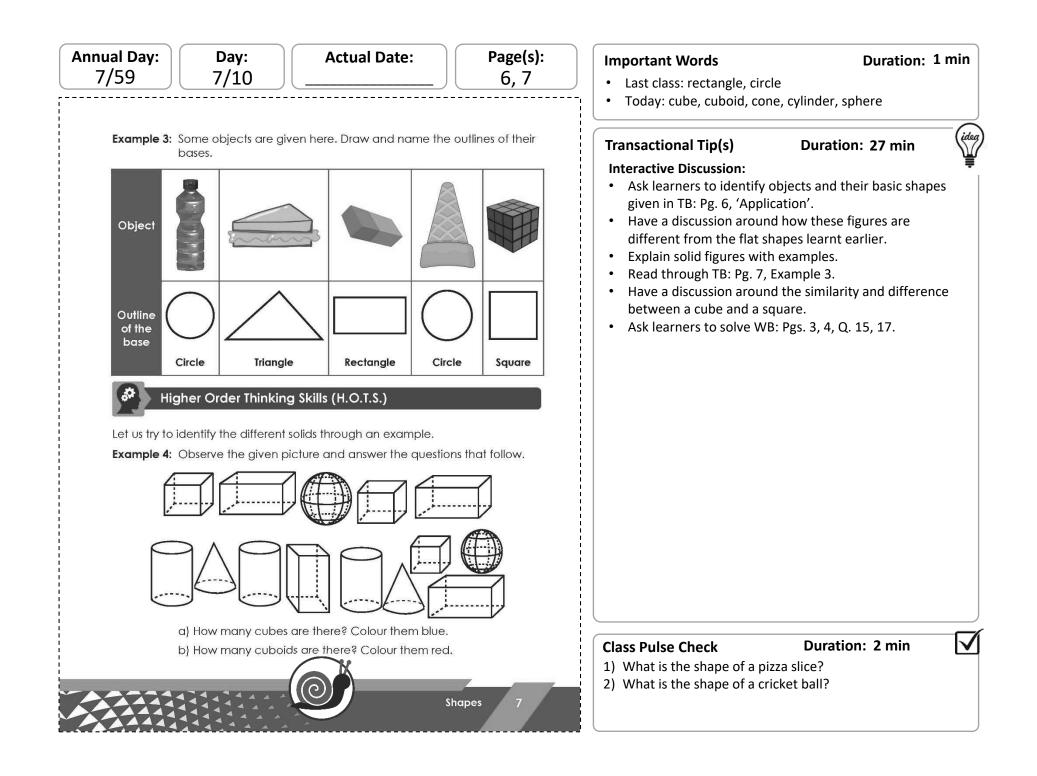
1) The dog is _____

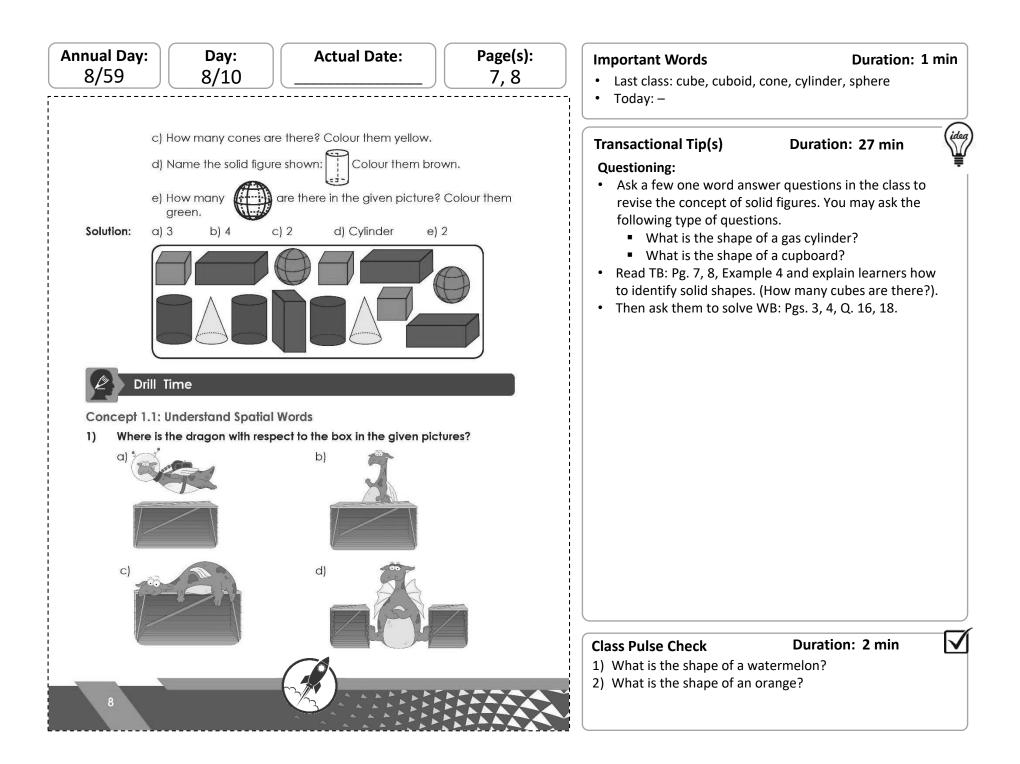
(above/under) the butterfly. 2) The ball is _____(far away from/ near) the cat.

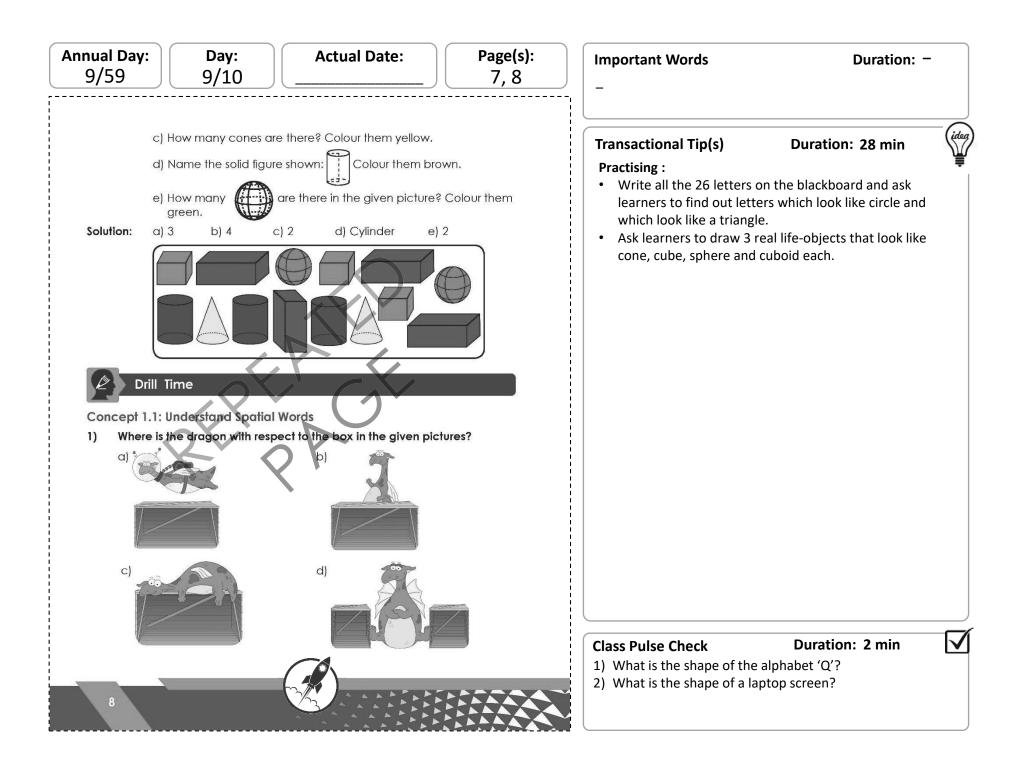


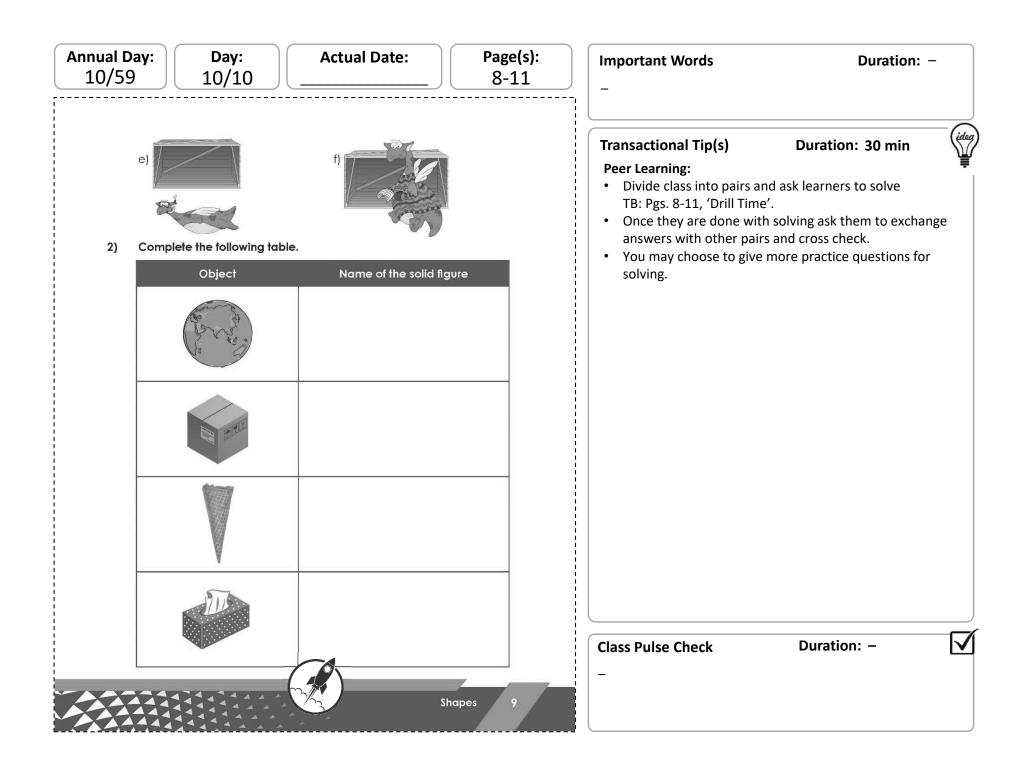


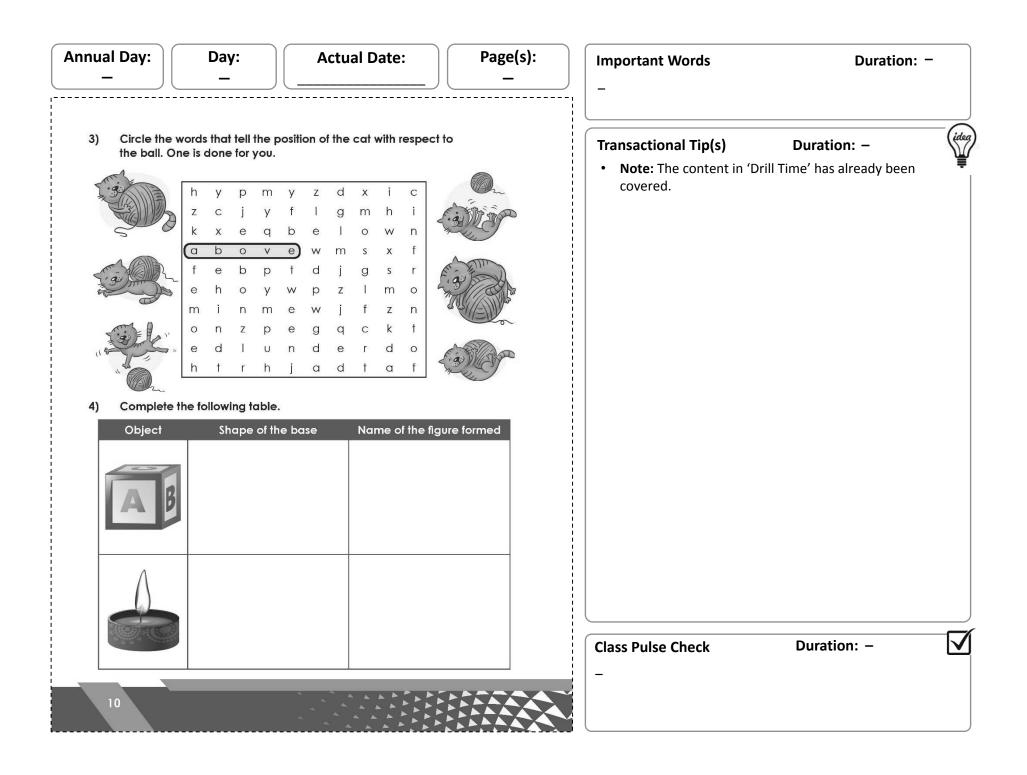


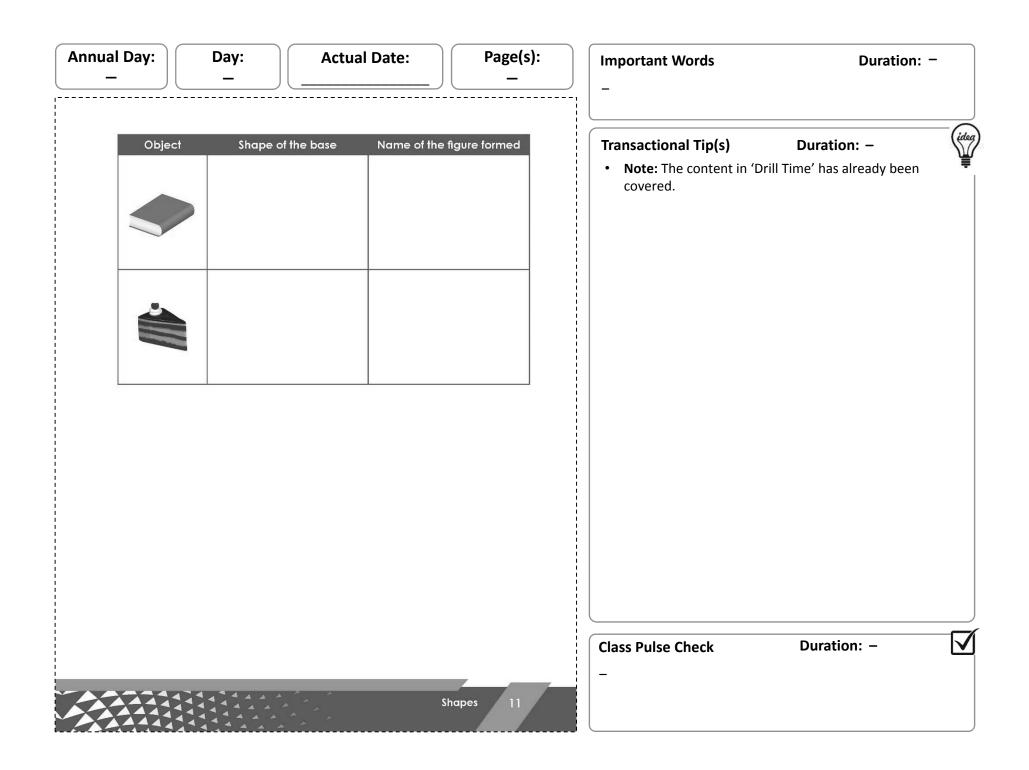












	🗹 C – Exit Assessment						
	Suggested questions to test the learning objective(s)	Learning objective(s)	Number of learners who answered correctly				
1	What is the shape of a door? (Ans. Rectangle)	Periods 5, 6, 7, 8 - basic flat and solid figures					
2	How many sides does a rectangle have ? (Ans. 4)	Periods 5, 6, 7 - corners and sides of objects/figures					
3	Write the names of any three solids which have rectangular base. (Ans. Example: Book, brick, duster)	Periods 7, 8, 9 - outlines of the bases of objects					

Post-lesson Reflection		Handhold Learners	Challenge Learners
TB Yes No WB Yes No Completed Yes No	Names		
Enthusiastic participation			
Concept clarity in the classroom	Exam Revision Strategy	Reteach Revise	Practise
Concept clarity through $\textcircled{\begin{tmatrix} \hline \hline$	App Report	Number	Signature