

CAPS Content per Grade per Term

Summary of Foundation Phase content per term

		C	C	C	C	C	C	C	R	R	R	R	R	R	R	D	D	D	D	D	D	D	D	D
		1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9
Grade R	Term	1																						
	2																							
	3																							
	4																							
Grade 1	Term	1																						
	2																							
	3																							
	4																							
Grade 2	Term	1																						
	2																							
	3																							
	4																							
Grade 3	Term	1																						
	2																							
	3																							
	4																							

Grade R Term 1

Annual Teaching Plan		
GRADE R Term 1		
TERM 1	Practical competencies	Theory competencies
Week 1	C3	NONE
	Coding	Learners follow instructions physically to get to know classroom. (No grids)
	Robotics	NONE
	Digital concepts	NONE
Week 2	C1 (patterns) C6	R1
	Coding	Follow an algorithm by following the patterns. Learners recognise, identify and explain repeating patterns
	Robotics	Learners distinguish that robots are helpers that only follow instructions. No independent thinking.
	Digital concepts	NONE
Week 3	C3	D2
	Coding	Learners interpret and follow arrows on a grid.
	Robotics	NONE
	Digital concepts	We are digital citizens that use certain computing devices. As citizens, we have responsibilities
Week 4	C1 (decomposition)	D3
	Coding	Sequence the story in beginning, middle and end. Use pictures. Learners decompose the story.
	Robotics	NONE
	Digital concepts	What is a computing device? Phone that stores data like numbers and photos
Week 5	C1 (abstraction)	R1
	Coding	Identify common features and remove what does not fit.
	Robotics	Robots come in different forms, but they all follow instructions.
	Digital concepts	NONE
Week 6	C6	D2
	Coding	Identify and explain the patterns
	Robotics	NONE
	Digital concepts	Discuss balanced screen-time and identify alternative activities
Week 7	C1 C3	D3
	Coding	What is the algorithm to get to bed. Follow the instructions on the grid to see what the sequence is.
	Robotics	NONE
	Digital concepts	What is a computing device? Respectful and healthy uses of computing devices
Week 8	R5 R6	NONE
	Coding	NONE
	Robotics	Design Thinking process. Follow the instructions. Mimic the operations of a robot.
	Digital concepts	NONE
Week 9	C1 C6	R1
	Coding	Identify and explain patterns. Identify differences and similarities. Follow an algorithm
	Robotics	Features of robots – What will a class-helper robot look like?
	Digital concepts	NONE
Week 10	C1 (Algorithm Design)	D2 D3
	Coding	Follow instructions to make a card.
	Robotics	NONE
	Digital concepts	DBE workbook 2 p.30 Discussion. Learners discuss healthy screen-time and answer questions w.r.t. computing devices.

Grade R Term 2

Annual Teaching Plan		
GRADE R Term 2		
TERM 2	Practical competencies	Theory competencies
Week 1	C3	R1
	Coding	Interpret and follow instructions on a grid. Groups can use different starting points.
	Robotics	What is a robot? It is built by humans. Discuss Robby the vacuum cleaner robot.
	Digital concepts	NONE
Week 2	C1 (decomposition)	R2
	Coding	The decomposition: to break instructions of crossing the road into small parts. Algorithm: put it in the correct order.
	Robotics	Introduce two types of robots. Discussion and pictures
	Digital concepts	NONE
Week 3	C1 (abstraction)	D2
	Coding	Abstraction: To choose the correct blocks. Decomposition: Building the model
	Robotics	NONE
	Digital concepts	Digital Citizenship – Discuss screentime with regards to a story
Week 4	C2 C3	D3
	Coding	C3 learners follow the given coding solution to find the clothes. C2 Learners create their own solution to find the clothes on the grid.
	Robotics	NONE
	Digital concepts	Computing devices: identify pictures and discuss input, process, and output.
Week 5	C2 C6	R1 R2
	Coding	C2: Create coding solution with arrows to find the correct sequence of the pattern (C6). Explain the pattern.
	Robotics	Identify pictures of robots (R2) and why we say they are robots (R1)
	Digital concepts	NONE
Week 6	C1 C3	D2 D3
	Coding	Identify the animal according to the sound. Put animals in order according to story. C3 follow instructions on grid.
	Robotics	NONE
	Digital concepts	D2 - Digital citizenship – screentime. D3 – Computing devices
Week 7	R5 R6	NONE
	Coding	R5 Design thinking process – follow the algorithm to complete the picture. R6 – Mimic the operations of the figure on the grid.
	Robotics	NONE
	Digital concepts	NONE
Week 8	C1 C6	R1 R2
	Coding	Find the correct sequence on the grid to explain the pattern. Match the pictures to shadow pictures.
	Robotics	Why is Robby vacuum cleaner and robot? Types of robots
	Digital concepts	NONE
Week 9	C1 C2 R6	D2 D3
	Coding	C1/C2 Sequence the actions of Sipho
	Robotics	R6 Mimic actions of a robot by walking to animal class indicates.
	Digital concepts	D2 D3
Week 10	C2 C3 R6	NONE
	Coding	C2 Create simple coding solution; choose something from the grid. C3 Rotate and leave the code for another group to interpret and do
	Robotics	R6 One is the coder and one the robot. Robot must follow the exact instructions
	Digital concepts	NONE

Grade R Term 3

Annual Teaching Plan		
GRADE R Term 3		
TERM 3	Practical competencies	Theory competencies
Week 1	C3 C4 (find mistake)	
	Coding	Follow the arrows (C3) and find the mistake with the coding solution. (C4) Do the same with winter clothes
	Robotics	NONE
	Digital concepts	NONE
Week 2	C2 C3	
	Coding	(C3) Follow the code to green car. In pairs create own coding solution (C2)
	Robotics	Revise: What is a robot? Discuss previous examples of types of robots.
	Digital concepts	NONE
Week 3	C1 (decomposition)	
	Coding	Visit to dentist – Decompose into different steps, but putting in sequence is more algorithm
	Robotics	NONE
	Digital concepts	Digital citizenship – protect personal information. Safe use of computing devices
Week 4	C1 (abstraction)	
	Coding	Butterfly finds home (Algorithm)
	Robotics	R1 What is a robot? R2 Types of robots – discuss the features that makes it perfect for the job it was coded
	Digital concepts	NONE
Week 5	C3 C4 (find & fix)	
	Coding	Follow the coding solution to pick up the fruit. Correct find and fix mistakes in the coding solution
	Robotics	NONE
	Digital concepts	Input – put in fruit; Process – blender works; Output – smoothie to enjoy
Week 6	R5 R6	
	Coding	This could be used with C3 (execute a coding solution)
	Robotics	R5 – Build a helper R6 – Follow the instructions to pick up the vegetables
	Digital concepts	NONE
Week 7	C1 C6	
	Coding	Sequence the pictures of milking a cow. Create patterns with farm images and learners must explain the patterns.
	Robotics	NONE
	Digital concepts	Why is it important to keep personal information safe. Identify pictures of computing devices.
Week 8	C2 C3 C4	
	Coding	Execute the coding solution and then complete it. Identify the mistake in the pattern and fix it.
	Robotics	Different robots have different purposes. Identify the robot pictures
	Digital concepts	NONE
Week 9	C1 C2 C3	
	Coding	Learners follow a coding solution to clean the school yard. They can create their own coding solution and avoid the stones.
	Robotics	NONE
	Digital concepts	Discuss where we keep toys, clothes, etc. We store data as well. They draw a picture of input, process and output
Week 10	C2 C3 R6	
	Coding	It is Heritage Day, and learners must collect the traditional food on grid. 1. Follow coding solution 2. Create own coding solution
	Robotics	One learner is coder, and one follows the coder's instructions like a robot
	Digital concepts	Discuss screentime and other activities that can be done. Discuss dangers and benefits of computing devices.

Grade R Term 4

Annual Teaching Plan		
GRADE R Term 4		
TERM 4	Practical competencies	Theory competencies
Week 1	C3 C4	D1
	Coding	Execute the given code for the bee. Find and fix mistakes in a given coding solution
	Robotics	NONE
	Digital concepts	Learners role-play how to use technology
Week 2	C1 C2 C3	R4
	Coding	How to build a nest in sequence. Find it on the grid. Execute the code.
	Robotics	How robots affect the world. Do they help us or harm us?
	Digital concepts	NONE
Week 3	C3 C5	D3 D7
	Coding	Give the lizard instructions to get to the fly. Find the shortest route.
	Robotics	NONE
	Digital concepts	What is a computing device? Input, process, output, e.g. ATM
Week 4	C1 C6	R1 R2 R4
	Coding	Recognise and interpret different patterns
	Robotics	Identify some robots. Why are they robots and how do they affect our world?
	Digital concepts	NONE
Week 5	D8 D9	D1 D2 D3 D7
	Coding	Decode and encode secret messages. (This links to patterns)
	Robotics	NONE
	Digital concepts	Revise technology, personal information, computing devices and input, process, output. What is it and how do we use it?
Week 6	R5 R6 R7	R1 R2 R4
	Coding	Links to C2 and C3
	Robotics	Help the baby bird get back in her nest. Design and build something. Code it to help the baby bird. Follow the instructions of the coding solution like a robot.
	Digital concepts	NONE
Week 7	C3 C5	D1 D2 D3 D7
	Coding	Learners interpret and execute different coding solutions to find the ball. Which route was the shortest?
	Robotics	NONE
	Digital concepts	How do we protect personal information on our devices? How do we use these devices? How to use an ATM
Week 8	C1 C6	R1 R2 R4
	Coding	Follow correct sequence for activities.
	Robotics	What are robots? Types of robots and can they
	Digital concepts	NONE
Week 9	C1 C2 C3 C4	NONE
	Coding	Create a coding solution; execute a given coding solution; Find & fix the mistakes
	Robotics	NONE
	Digital concepts	NONE
Week 10	C2 R7	NONE
	Coding	Create a simple coding solution (general coding – How will I reach the papers)
	Robotics	Create and test a coding solution (How will I code a helper robot to pick up the papers)
	Digital concepts	NONE

Suggested Competencies per Grade per Term, per Week

The competencies were mapped in such a way, that the teacher can be sure she addressed all the competencies and the learners interacted with each competency in isolation and combined.

	GRADE R	GRADE 1	GRADE 2	GRADE 3
TERM 1	Practical Competencies & Theory Competencies			
Week 1	C3	C3	C3 D1	C3 D1
Week 2	C1 C6 patterns R1	C1 C6 R1	C1 C6 R1	C1 C6 R1
Week 3	C3 D2	C2 C3 R2	C2 C3 R2	C2 C3 R2
Week 4	C1 decomposition D3	C1 decomposition D2	C1 decomposition D2	C1 decomposition D2
Week 5	C1 abstraction R1	C1 abstraction D3	C1 abstraction D3	C1 abstraction D3
Week 6	C6 D2	C2 R1 R2	C1 C2 C3 R1 R2	C1 C2 C3 R1 R2
Week 7	C1 C3 D3	C1 C3 D2 D3	C1 C3 D1 D2 D3	C1 C3 D1 D2 D3
Week 8	R5 R6	R5 R6	R5 R6	R5 R6
Week 9	C1 C6 R1	C1 C6 R1 R2	C1 C6 R1 R2	C1 C6 R1 R2
Week 10	C1 algorithm design D2 D3	C2 D2 D3	C1 C2 C3 D1 D2 D3	C1 C2 C3 D1 D2 D3
TERM 2	Practical Competencies & Theory Competencies			
Week 1	C3 R1	C3 R1	C2 C3 R6 D1	C2 C3 R6 D1
Week 2	C1 decomposition R2	C1 decomposition R2	C1 C2 C3 R1 R2	C1 C2 C3 R1 R2
Week 3	C1 abstraction D2	C1 abstraction D1	C1 C6 D2	C1 C6 D2
Week 4	C2 C3 D3	C2 C3 D2	C2 C3 D3	C2 C3 D3
Week 5	C2 C6 R1 R2	C2 C6 R1 R2	C1 C2 C3 C6 R1 R2	C1 C2 C3 C6 R1 R2
Week 6	C1 C3 D2 D3	C1 C3 D3	C1 decomposition D1 D2	C1 decomposition D1 D2
Week 7	R5 R6	R5 R6	R5 R6 D1 D2 D3	R5 R6 D1 D2 D3
Week 8	C1 C6 R1 R2	C1 C6 R1 R2	C1 abstraction D1 D2 D3	C1 abstraction D1 D2 D3
Week 9	C1 C2 R6 D2 D3	C1 C2 R6 D1 D2 D3	C1 C2 C3 R1 R2	C1 C2 C3 R1 R2
Week 10	C2 C3 R6	C2 C3 R6 D1 D2 D3	C1 C2 C3 R6	C1 C2 C3 R6
TERM 3	Practical Competencies & Theory Competencies			
Week 1	C3 C4 find mistake	C3 C4 find & correct	C4 R6 R7 R3 R4	C4 R6 R7 R3 R4
Week 2	C2 C3 R1 R2	C1 C2 C3 R3	C1 C2 C3 D4	C1 C2 C3 D4
Week 3	C1 decomposition D2 D3	C1 C6 C7 R1 R2 R3	C1 C2 C3 C4 D5	C1 C2 C3 C4 D5
Week 4	C1 abstraction R1 R2	C2 C3 C4 D1 D2 D3	C1 C6 C7 D7	C1 C6 C7 D7
Week 5	C3 C4 find & correct D7	D8 C6 D3 D7	C6 C7 D8 D3 D7	C6 C7 D8 D3 D7
Week 6	R5 R6	R5 R6 R7 D4	R5 R6 R7 R1 R2 R3 R4	R5 R6 R7 R1 R2 R3 R4
Week 7	C1 C6 D2 D3	C2 C3 C4 R1 R2 R3	C1 C2 D3 D4 D5	C1 C2 D3 D4 D5
Week 8	C2 C3 C4 R1 R2	C1 C2 C3 D1 D4	C1 C2 C3 C6 C7 D3 D4 D7	C1 C2 C3 C6 C7 D3 D4 D7
Week 9	C1 C2 C3 D3 D7	D8 C6 C7 D1 D2 D3 D4	C1 C2 C3 C4 D1 D2 D3	C1 C2 C3 C4 D1 D2 D3
Week 10	C2 C3 R6 D2 D3	C4 R6 R7	C3, C4 R6 R7 R3 R4	C3, C4 R6 R7 R3 R4

	GRADE R	GRADE 1	GRADE 2	GRADE 3
TERM 4	Practical Competencies & Theory Competencies			
Week 1	C3 C4 D1	C4 R6 R7 R4	C3 C5 R1 R2 R3	C3 C5 R1 R2 R3
Week 2	C1 C2 C3 R4	C3 C5 R3 R4	C1 C2 C3 C4 R1 R2 R3 R4	C1 C2 C3 C4 R1 R2 R3 R4
Week 3	C3 C5 D3 D7	C2 C3 C4 C5 D4	C6 C7 D9 D6	C6 C7 D9 D6
Week 4	C1 C6 R1 R2 R4	C1 C2 C3 D1 D2 D3 D4	D8 D9 D3 D7	D8 D9 D3 D7
Week 5	D8 D9 D1 D2 D3 D7	D8 D9 D3 D7	C2 C3 C5 D4 D5 D6	C2 C3 C5 D4 D5 D6
Week 6	R5 R6 R7 R1 R2 R4	R5 R6 R7 R1 R2 R3 R4	R5 R6 R7 D1 D3 D4 D5	R5 R6 R7 D1 D3 D4 D5
Week 7	C3 C5 D1 D2 D3 D7	D9 C6 C7 D3 D4 D7	C4 R6 R7 D1 D2	C4 R6 R7 D1 D2
Week 8	C1 C6 R1 R2 R4	C2 C7 D1 D2	C1 C2 C3 C4 C5 R2 R3 R4	C1 C2 C3 C4 C5 R2 R3 R4
Week 9	C1 C2 C3 C4	C1 C2 C3 C5 R1 R2 R3 R4	C3 C4 C5 R6 R7 D5	C3 C4 C5 R6 R7 D5
Week 10	C2 R7	C3 C4 C5 R1 R2 R3 R4	C1 C2 C3 C4 C5 D1 D4 D6	C1 C2 C3 C4 C5 D1 D4 D6