

Spring assessment observation sheet

Reception

Maths

Child's name _____ Practitioner _____ Date _____

Throughout the assessment, you should give the child a reasonable length of time to answer each question.

If the child does not respond, move on to the next question without selecting an answer.

There is space to record how **confidently** and **independently** the child answered each question. You can use the 'Notes' sections to record any extra useful information. For example:

- the child's response
- the child's behaviour
- strategies used by the child
- strategies used by the practitioner

This assessment is designed to be enjoyable and part of a child's everyday learning. Use your professional judgement and knowledge of the child to decide how much of the assessment the child completes.

Questions 1–5 to **count a number of objects**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 6.

Count a number of objects			
1	How many rugby balls are there?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
2	How many cones are there?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

3	How many footballs are there?		
	Could answer <input type="checkbox"/> Struggled to answer <input type="checkbox"/> Question skipped <input type="checkbox"/>		
	Independence 1 2 3 Confidence 1 2 3	Notes	
4	Point to the number that shows how many dots there are.		
	Could answer <input type="checkbox"/> Struggled to answer <input type="checkbox"/> Question skipped <input type="checkbox"/>		
	Independence 1 2 3 Confidence 1 2 3	Notes	
5	Point to the number that shows how many dots there are.		
	Could answer <input type="checkbox"/> Struggled to answer <input type="checkbox"/> Question skipped <input type="checkbox"/>		
	Independence 1 2 3 Confidence 1 2 3	Notes	

Question 6 assesses the child's ability to **count out loud**.

Count out loud			
6	Can you count to 20? Show me		
	Could answer <input type="checkbox"/> Struggled to answer <input type="checkbox"/> Question skipped <input type="checkbox"/>		
	Independence 1 2 3 Confidence 1 2 3	Notes	

Questions 7 and 8 assess the child's ability to **compare items by size**.

Compare items by size			
7	Point to the biggest shoe.		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
8	Point to the bucket where you can put the most balls.		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

Questions 9–11 assess the child's ability to **subitise**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 12.

Subitise			
9	How many fingers are up?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
10	How many dots do you see (without counting)?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

11	How many dots do you see (without counting)?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

Questions 12–17 assess the child's ability to **identify and write numerals**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 18.

For questions 15 and 16, you will need something for the child to write with.

Identify and write numerals			
12	What number is this?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
13	What number is this?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
14	Point to the number nine.		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
15	Can you write the number seven?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

16	Can you write the number five?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

17	What number is this?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

Questions 18–22 assess the child's ability to **order and compare amounts**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 23.

Order and compare amounts			
18	Point to the picture that has more balls.		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

19	Which two are equal?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

20	Which of these numbers is the smallest?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

21	Which of these numbers is one more than 4?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
22	Which of these numbers is bigger than 6?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

Questions 23–25 assess the child's ability to **notice and continue patterns**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 26.

Notice and continue patterns			
23	Cap, shorts, cap, shorts, cap... What comes next?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
24	Look at the pattern. What comes next?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
25	Tell me what you see. What comes next?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

Questions 26–28 assess the child's ability to **solve number stories**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 30.

Solve number stories		
26	Tom kicks 4 balls. Then, he kicks in 1 more ball. How many balls does he kick into the goal?	
	Could answer <input type="checkbox"/> Struggled to answer <input type="checkbox"/> Question skipped <input type="checkbox"/>	
	Independence 1 2 3 Confidence 1 2 3	Notes
27	Bea has 3 basketballs. Her friend gives her 3 more. How many basketballs does Bea have now?	
	Could answer <input type="checkbox"/> Struggled to answer <input type="checkbox"/> Question skipped <input type="checkbox"/>	
	Independence 1 2 3 Confidence 1 2 3	Notes
28	Amy has 10 tennis balls. Then, she loses 1. How many tennis balls does she have left?	
	Could answer <input type="checkbox"/> Struggled to answer <input type="checkbox"/> Question skipped <input type="checkbox"/>	
	Independence 1 2 3 Confidence 1 2 3	Notes

Questions 29 and 30 assess the child's **automatically recall number bonds**.

Automatically recall number bonds	
29	What goes with 2 to make 5?
	Could answer <input type="checkbox"/> Struggled to answer <input type="checkbox"/> Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3

30	What goes with 5 to make 10?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	

Questions 31–33 assess the child's **early arithmetic skills**. If the child responds incorrectly, or does not respond, to two questions in a row, end the assessment.

Solve simple addition and subtraction equations			
31	I have 4 and I take away 1, how many is that?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
32	I have 3 and I add 2 more, how many is that?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	
33	I have 8 and I add 2 more, how many is that?		
	Could answer <input type="checkbox"/>	Struggled to answer <input type="checkbox"/>	Question skipped <input type="checkbox"/>
	Independence 1 2 3 Confidence 1 2 3	Notes	