

# Summer 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 lions 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 parrots 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	<b>How many tickets are there?</b>		
	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	<b>Point to the number that shows how many dots there are.</b>		
	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	<b>How many fish are there?</b>		
	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	<b>Can you count to 20? Show me</b>		
	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 smallest camera.		
	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 tallest giraffe.		
	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 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	
10	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	

11	<b>How many dots do you see (without counting)?</b>		
	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	<b>What number is this?</b>		
	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	<b>What number is this?</b>		
	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	<b>Point to the number ten.</b>		
	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	<b>Can you write the number four?</b>		
	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	<b>Can you write the number nine?</b>		
	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	<b>What number is this?</b>		
	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	<b>Point to the picture that has more monkeys.</b>		
	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	<b>Which two are equal?</b>		
	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	<b>Which of these numbers is the biggest?</b>		
	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	<b>Which of these numbers is one more than 6?</b>		
	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	<b>Which of these numbers is smaller than 5?</b>		
	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	<b>Bear, tiger, bear, tiger, bear... What comes next?</b>		
	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	<b>Look at the pattern. What comes next?</b>		
	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	<b>Tell me what you see. What comes next?</b>		
	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 26–29 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	There are 5 ice lollies. Then, Tom eats 1. How many ice lollies are there left in the freezer?	
	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	Amy spots two birds on the grass. Then, she spots two more on a tree. How many did she spot in total?	
	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	Bea has 4 carrots. Then, her mum gives her 3 more. How many carrots 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
29	Jay spots 5 turtles in the pond. Then, he spots 5 more on the sand. How many turtles did he spot in total?	
	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 30–34 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			
30	What goes with 3 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	
31	I have 4 and I take away 2, 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 5 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 6 and I take away 3, 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	
34	I have 6 and I add 4 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	