

Spring assessment observation sheet

Nursery

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 1–3 assess the child's ability to **compare items by size**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 4.

Compare items by size			
1	Point to the big apple.		
	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	Which one is higher?		
	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	Point to the biggest circle.		
	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 4 and 5 assess the child's ability to **subitise**.

Subitise			
4	Which one has 3 dots?		
	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	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 6–9 assess the child's ability to **count a number of objects**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 10.

Count a number of objects			
6	How many lollipops 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	

7	How many bottles 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	
8	How many pears 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	
9	How many dots are there? Point to the number.		
	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 10 and 11 assess the child's ability to **count out loud**. Only read out question 10. Record the answer to question 11 based on how the child responds to question 10.

Count out loud			
10	Can you count to 10? 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	
11	[Can you count to 5? 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 12–15 assess the child's ability to **compare amounts**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 16.

Compare amounts			
12	Point to the picture that has more carrots.		
	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	Which hand is holding up more fingers?		
	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	There are 4 tomatoes and 2 carrots. What is there more of?		
	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	Choose two that show the same amount.		
	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 16–19 assess the child's ability to **identify numerals**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 20.

For question 19, you will need something for the child to write with.

Identify numerals			
16	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	
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	
18	Point to the number two.		
	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	Can you write the number 5? This is what it looks like.		
	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 20–21 assess the child's ability to **notice and continue patterns**.

Notice and continue patterns			
20	Cake, biscuit, cake, biscuit, cake... 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	
21	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	

Questions 22–24 assess the child's ability to **react to changes of amount**. If the child responds incorrectly, or does not respond, to two questions in a row, move to question 25.

React to changes of amount			
22	Lily puts 3 oranges in her basket. Then, one falls out. How many oranges are there in her basket 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	
23	Joey has 2 coins. His sister gives him one more coin. How many coins does Joey 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	

24	Ben has 5 chocolates. Then, he eats one. How many chocolates does he 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	

Questions 25–26 assess the child's ability to **automatically recall number bonds**.

Automatically recall number bonds			
25	What goes with 2 to make 3?		
	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	
26	What goes with 1 to make 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	