

Baseline 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 small flower.		
	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	Who is taller?		
	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 smallest bee.		
	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 4 assesses the child's ability to **subitise**.

Subitise			
4	Which butterfly has 2 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	

Questions 5–8 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 9.

Count a number of objects			
5	How many trees 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	
6	How many apples 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 leaves 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	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 9–12 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 9.

Compare amounts			
9	Point to the picture that has more clouds.		
	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	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	

11	There are 2 snails and 5 worms. 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	

12	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 13–14 assess the child's ability to **notice and continue patterns**.

Notice and continue patterns			
13	Fish, bird, fish, bird, fish... 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	
14	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 15–16 assess the child's ability to **react to changes of amount**.

React to changes of amount			
15	Lily sees 2 butterflies. Then, 1 flies away. How many butterflies can Lily see 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	

16	Joey has 2 leaves. His sister gives him one more leaf. How many leaves 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	

Questions 17–18 assess the child's ability to **automatically recall number bonds**.

Automatically recall number bonds			
17	What goes with 1 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	
18	What goes with 3 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	