

Baseline 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 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 6.

Count a number of objects			
1	How many toy cars 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 crayons 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	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	
4	How many marbles 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	
5	How many socks 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	

Questions 6 and 7 assess the child's ability to **count out loud**.

You should only read out question 6.

Record the answer to question 7 based on how the child responds to question 6. You do not need to ask the child to count twice.

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	
7	Did the child... <input type="checkbox"/> count to 10 correctly?		

Questions 8 and 9 assess the child's ability to **compare items by size**.

Compare items by size			
8	Point to the smallest bear.		
	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	Point to the biggest triangle.		
	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 **subitise**.

Subitise			
10	How many pencils can 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 14 and 17, 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	Can you write the number 2? 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	
15	Point to the number six.		
	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	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	Can you write the number eight?		
	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 18–21 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 22.

Order and compare amounts			
18	Point to the picture that has more footballs.		
	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	There are 4 pears and 3 oranges. 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	
20	Which of these numbers is the biggest?		
	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 smaller than 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	Notes	

Questions 22–24 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 25.

Notice and continue patterns			
22	Apple, banana, apple, banana, apple... 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	
23	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	
24	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 25–28 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 29.

Solve number stories			
25	Amy's mum gives her 3 cookies. Then, she eats 1. How many cookies has Amy got 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	

26	Jay draws 4 stars. Then, he gives 1 star to his sister. How many stars does Jay 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	
27	Tom has 3 pencils. Then, his brother gives him another pencil. How many does Tom 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 blows up 4 balloons. Then, she blows up 2 more. How many balloons does she 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 29 and 30 assess the child's ability to **automatically recall number bonds**.

Automatically recall number bonds			
29	What goes with 2 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	

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