

Grade Three | Alberta Education and Childcare Numeracy Screener

Supplementary Parent / Legal Guardian Resource



Calgary Board
of Education

Your grade three student has been assessed on comparing numbers, writing numbers, numbers on the number line, number facts, equations, and ordering of numbers. These activities can help your child practice numeracy skills at home. Keep practice short, playful, and positive.

	Skill	What to look for	What families can do	Visual Example
NUMBER KNOWLEDGE Understanding what numbers are and how they are represented.	Writing Numbers	When your child hears a number, fraction, or decimal, can they write it correctly? This includes understanding place value in large numbers and accurately recording fractions and decimals that are spoken aloud.	Be a "Number Detective." When you hear numbers in everyday life, ask your child to write them down and explain what they heard. This could be a number from a news story or a fraction in a recipe. Talking about how numbers are written helps strengthen place value understanding and number vocabulary.	
	Comparing Numbers	Can your child compare two numbers and tell which has more or less? Can they explain how they know?	Play "Bigger Number Wins!" Find two numbers around your home or community – try sports stats, prices, house numbers, or numbers from a game. Ask your child, <i>"Which number is greater? Which is less? How do you know?"</i> Take turns choosing numbers and challenging each other.	
	Ordering Numbers	Can your child look at a set of numbers and determine whether the numbers are increasing (getting larger) in order?	Play Number Detective. Write three to five numbers on small pieces of paper and mix them up. Have your child decide if the numbers are increasing (getting larger) in order. If not, challenge them to rearrange the numbers from least to greatest and explain how they know.	
	Numbers on the Number Line	Can your child show where numbers belong on a number line and describe how the numbers are related?	Play "Park the Number!" Make a number line from 0 to 1 000 using paper or chalk. Mark 0, 5 000, and 10 000. Have your child choose a number card and use a small toy to show where they think the number belongs. Ask, <i>"Is it more or less than 5 000? Is it closer to 0, 5 000, or 10 000? What number comes before or after it?"</i> Encourage your child to explain how they know.	

NUMBER OPERATIONS Using numbers to compute, reason, and solve problems flexibly.	Number Facts	Can your child use what they know about numbers to figure out single-digit addition and subtraction facts? Can they use strategies such as counting on, making 10, or using doubles?	Play “Flip and Figure it Out” Use a deck of cards and remove the face cards (Ace = 1). Flip two cards and add or subtract the numbers. Ask your child, “<i>How did you figure it out?</i>” Encourage strategies such as counting on, making 10, or using doubles. Take turns and see if family members can find different ways to solve the same fact!	
	Equations	Can your child decide if an equation is true? Can they recognize number relationships, such as $5 + 0 = 5$, $5 - 5 = 0$, or $3 + 4 = 4 + 3$, and explain how they know?	Play Equation Detective Write a few true and false equations on small pieces of paper and hide them around the room. Have your child find each one and decide: True or False? Try equations like $6 + 0 = 6$, $8 - 8 = 0$, $4 + 5 = 5 + 4$, or $7 + 3 - 3 = 7$. Add a few silly mistakes, too!	

Note: Images were created with the support of AI.

Tip: You can also do these activities in the language your family uses at home.

If Your Child Requires Additional Support

If the screening shows that your child requires additional support, the school will provide extra help with the skills your child is learning.

- ✓ Review screening results along with other information about your child’s learning.
- ✓ Identify the skills that need additional support.
- ✓ Provide additional teaching and support based on your child’s learning needs.
- ✓ Continue to monitor your child’s learning and progress.
- ✓ Adjust supports as needed based on how your child responds.