

Numeracy Tips

Numeracy is everywhere. When we use math skills in everyday situations, we are using numeracy. We use understanding of number, patterns, shape, and data to make informed decisions.

Problem Solving

Why is problem solving important in numeracy?

- We use problem solving to question and explore different solutions to problems. This is a valuable skill in daily living.
- Problem solving allows us to use our experiences to figure out solutions.

How can I help my child?

Together with your child, try these activities:

- Ask: How would you...? How could you...? and How do you know?
- Play puzzle games like Tic-Tac-Toe, Sudoku®, Blokus®, etc.
- Play dice, card or board games that use strategy to help a player win, such as Yahtzee®, UNO®, Trouble®, Sorry®, Mastermind®, Connect 4®, etc.
- Use blocks or other building materials to try building the tallest tower.
- Read a map to find the shortest route between two places.
- Make a picture using shapes. Figure out how many smaller shapes can fit inside the bigger shapes.
- Make different combinations of coins to equal amounts such as \$1.00, \$2.00 or \$10.00.
- Travel to several places to run errands. Decide in what order you should visit these places to complete your errands in the shortest amount of time. Keep the time of day in mind as you plan.
- Try online games or puzzles that require strategies to problem solve. Some can be found here: http://www.learninggamesforkids.com/miscellaneous_games.html
- Talk to your child's teacher about how numeracy is developed and practiced in the classroom.

Find out more:

- Consider *Activities for Every Day* from Math For Families: Helping your child with math at home. Achieve BC: http://www.sd47.bc.ca/Programs/earlylearning/Documents/math_for_families.pdf
- Watch videos to find out more:
 - Alberta Education Numeracy Video <https://education.alberta.ca/literacy-and-numeracy/numeracy/everyone/numeracy-video/>
 - Alberta Education: My Child's Math - Problem Solving <https://education.alberta.ca/mathematics-k-6/program-supports/everyone/videos/>
 - Alberta Education: 7 Processes - Problem Solving <https://education.alberta.ca/mathematics-7-9/program-supports/everyone/videos/>
- Read about learning through problem solving: https://education.alberta.ca/media/563585/problem_solving.pdf

Use our app EPSB Together

Download [EPSB Together](#), a free app that suggests activities you can do with your child to support your child's learning outside of the classroom. You can download the app on Google Play and the Apple App Store.