

Math Challenge — Fun Problems and Puzzles

Base Sheet

Activity Sheet

The child tackles fun math challenges and puzzles that stretch their thinking: logic puzzles, pattern completion, estimation challenges, and word problems. This celebrates their mathematical confidence.

What You Need:

- Paper and pencil
- Jar filled with small objects (for estimation)
- Pattern cards or drawn patterns
- Counters or small objects for word problems
- Optional: tangram or puzzle

Steps:

1. 'You have learned so much math! Let's have some fun with tricky puzzles and challenges!'
2. Logic puzzle: 'I am thinking of a number. It is bigger than 10 and smaller than 20. It is an odd number. When you skip count by 5, you say it. What is it?' (15)
3. Pattern challenge: draw a pattern and leave blanks for the child to complete.
4. Estimation jar: fill a jar with objects. Child estimates, then counts to check.
5. Word problem: 'You have 24 cookies to share equally among 4 friends. How many does each friend get?'
6. Celebrate each solution!
7. 'Math is like a game — your brain loves figuring things out!'

Work Space:



