An extra challenge for parents and caregivers

Gecko: Collection Signs

Guide: ages 6-7

The goal: find, explain, and invent collections from 0 to 10. | **An offline extension of the same idea.**

5 ways to stretch the thinking

1. **Predict one added.**
   Ask: "What if we add one stone?" Say the number before it moves.
2. **Find one extra.**
   Make a tray with one too many and ask your child to spot it.
3. **Rearrange the same amount.**
   Spread the stones out and ask whether the amount still matches.
4. **Explain the missing part.**
   "The sign says six. How many stones are still missing?"
5. **Invent a sign challenge.**
   Your child makes a sign-and-tray puzzle for you to solve.

Your challenge plan

10

minutes

is plenty



- No timer
- Explain why
- Create one

Ask for the rule, not only the answer.

5 signs deeper reasoning is growing

1. **Predicts before counting.**
   They name a number before touching the stones.
2. **Spots one too many.**
   They compare the sign with the tray and point to the extra stone.
3. **Holds the amount through a rearrange.**
   Moving stones around does not change how many there are.
4. **Names the missing part.**
   They say how many more are needed to reach the sign.
5. **Makes a fair puzzle.**
   Their sign, their tray, and their explanation all agree.

Try it away from the screen today

Make 4, wanting 6.
How many more are needed?

→ **Find the missing 2.**
Count on from four, one stone at a time.

→ **Take 2 from 6.**
Four stay. Ask why.

✓ No app	✓ No ads, ever	✓ Nothing collected from your child

50 mm · Print at 100%

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