An extra challenge for parents and caregivers



Gecko: Dots Together

Extension: ages 6-7

The goal: Use the same small totals to predict, explain, and make a different split.

An extension of the same idea.

5 ways to stretch the thinking

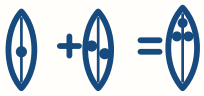
1. **Predict before OK.**
   Ask: "What will both groups make together?"
2. **Show another way.**
   Invite pointing, counting, or grouping as a check.
3. **Compare close choices.**
   Ask: "Which dot makes these answers different?"
4. **Explore a new split.**
   Off-screen, change the parts but keep the total.
5. **Swap roles.**
   They make two groups; you choose the matching whole.

Your challenge plan

10

minutes

is plenty



- No timer
- Show your idea
- Make a puzzle

Ask how they know. A gesture can explain an idea.

5 signs of deeper reasoning

1. **Predicts a total**
   They choose before moving or counting every dot.
2. **Checks a prediction**
   They use another way to verify their choice.
3. **Spots a near miss**
   They show why an answer has too few or too many.
4. **Keeps the whole**
   They see that a new split can keep the same total.
5. **Creates a challenge**
   They make two groups and check your answer.

Try it away from the screen today

Split a set.
Share five large blocks between two groups.

→

Move one block.
Predict what changes in each group.

→

Keep the whole.
Check that the total stayed the same.

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

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