



QUICK START GUIDE

AGE 3 - 5

DO FUN, HIGH-QUALITY MATH AT HOME!

We update the site regularly with new activities! Check back!

Our [LT]² tool is detailed and can be a challenge to navigate.

Here we give you some ideas to get started—you might try doing one level a week! But our learning trajectories honor children’s individuality. So, *if your child finds activities a bit too easy, move right to the following level!* Scroll to the topic you want.

Make sure you are signed in before you start.

CONTENTS

AGE 3 2

LEARNING TRAJECTORY: PATTERNING 2

Age 3 (continued) 3

LEARNING TRAJECTORY: SPATIAL VISUALIZATION 3

Age 4 4

LEARNING TRAJECTORY: COUNTING 4

Age 5 6

LEARNING TRAJECTORY: ADDING AND SUBTRACTING 6

AGE 3

A developmental commonality of most three years olds is to start asking “Why?” questions, try physical skills on their own, and communicate using their ever growing language skills. These are great skills to have when exploring Patterning and Spatial Visualization with common toys such as Pattern Blocks.

LEARNING TRAJECTORY: PATTERNING

LEVEL: PATTERN RECOGNIZER

Activities

1. Weaving Patterns
2. Movement Patterns
3. Clothes Patterns
4. Patterns in the Environment
5. Pattern Beat
6. Math Hopscotch
7. Let’s Talk about Patterns
8. I See A Pattern

← [Click here to go to the level and see the activities at the bottom of the page!](#)

LEVEL: PATTERNER AB

Activities

9. Playing in a Padded Area
10. Shape and Spatial Talk
11. Going for a Walk
12. Color Patterns
13. Color Cube Train
14. Child Patterns
15. What’s Missing
16. Pattern Strips
17. Pattern Fixer with Beads
18. Making Patterns with Beads
19. Make a Longer Pattern
20. Let’s Make a Pattern
21. Keep Swimming
22. Fill in the Pattern on the Snake





AGE 3 (CONTINUED)

LEARNING TRAJECTORY: SPATIAL VISUALIZATION

LEVEL: SIMPLE SLIDER

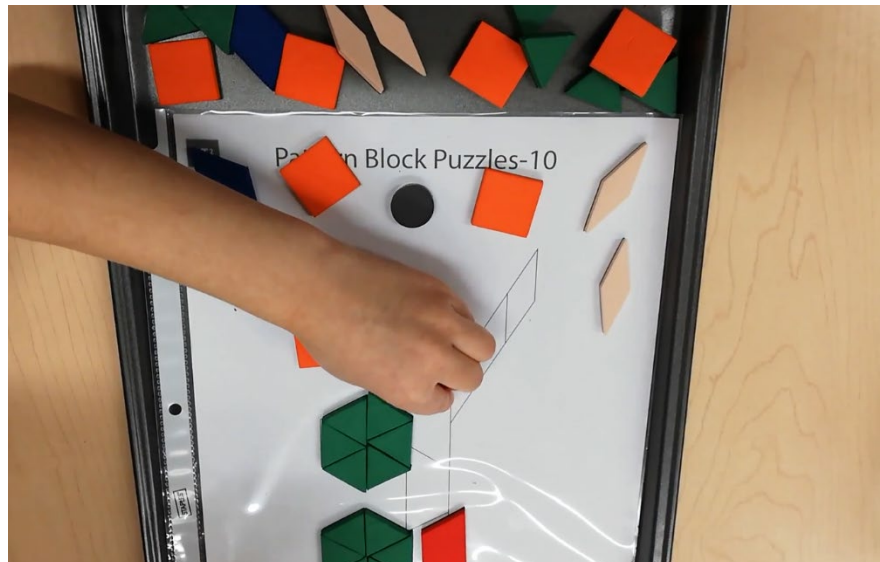
Activities

1. Fixing Elevators

LEVEL: SIMPLE TURNER

Activities

2. Pattern Block Puzzlers
3. Picture It, then Turn, Turn, Turn
4. Putting the Pieces Together



AGE 4

Children at this age may show wide variation in skills. While some merely recite numbers, others are corresponding their recitation of numeral names to objects. Those further along the developmental progression accurately count items and some can even produce a number of items when asked for a specific amount. These activities are specifically geared to help children with Counting skills.

LEARNING TRAJECTORY: COUNTING

LEVEL: CORRESPONDER

Activities

1. Shake Them Up
2. Counting Wand
3. Simon Says
4. Scoops for Everyone
5. Ding Clink Bam
6. Rhythmic Counting

LEVEL: COUNTER (SMALL NUMBERS)

Activities

7. Mr. Mix Up
8. Five Little Fingers
9. Animal Spots
10. How Many in a Hand
11. Little Birds
12. How Many Do I Have (to 5)
13. Counting Cookie Chips to 5
14. Help the Turtle Get Home (Computer Activity)
15. Shopkeeper Sort and Label to 5

LEVEL: COUNTER (10)

Activities

16. Memory Match to 10
17. Knock it Down (to 10)
18. Beanbag Counting
19. Mr. Mix Up

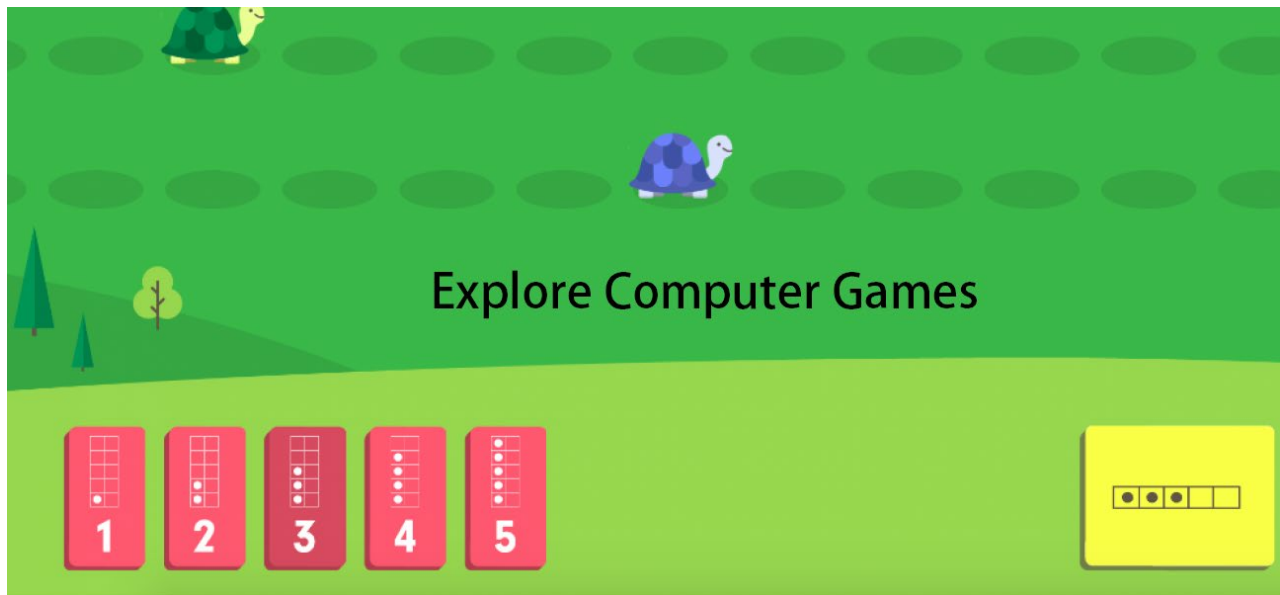


- 20. Counting Jar
- 21. Mystery Boxes
- 22. How Many Do I Have (to 10)?
- 23. Concentration (Computer Activity)
- 24. AND MORE!!

LEVEL: PRODUCER (SMALL NUMBERS)

Activities

- 25. Number Path Race
- 26. Fill the Egg Cartons
- 27. Get Just Enough (Sets to 5)
- 28. Number Moves
- 29. Help the Turtle (Computer Activity)
- 30. Shopkeeper Fill Orders to 5



AGE 5

As part of getting to know our website, you might notice that these skills that we often think of as traditionally done with paper and pencil can be strengthened through play in the early years. These early experiences provide conceptual understanding of what children may do on paper and pencil much later. Addition can also be thought of putting things together or joining sets by counting forward, while subtraction can be thought of as separating sets or counting backward.

LEARNING TRAJECTORY: ADDING AND SUBTRACTING

LEVEL: FIND RESULT

Activities

1. How Many More? Game
2. Big Fish Story
3. Find a Sum
4. Fruit Fun
5. Number Cube Equations – Introductions
6. How Many Toys?
7. Number Cubes Equations – Extensions

LEVEL: MAKE IT N

Activities

8. Make it Right (Make it N)
9. Mystery Change Game

LEVEL: FIND CHANGE

Activities

10. Addition Easel
11. Salute!

LEVEL: COUNTING STRATEGIES +/-

Activities

12. How Many Now? – Sneaky Swiper
13. More Toppings
14. How Many Now? Hidden Version
15. Dot to Dot!
16. Chip Stack

