

Coding
Critters™

Coding Critters™

Adventures with Romper & Flaps



Learning
Resources®

A Note to Parents

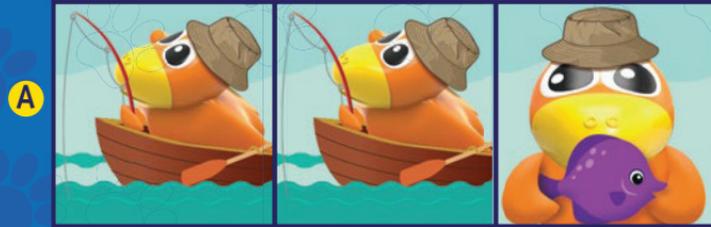
Thanks for purchasing this **Coding Critters** set!

Coding is often referred to as “the literacy of the 21st century.” The activities in this book will help reinforce the key building blocks of coding—skills like **SEQUENTIAL LOGIC, MATH** and **COUNTING, DEDUCTIVE REASONING,** and **COMPUTATIONAL THINKING**—as children play with their new Coding Critters friends!

Understanding the basics of coding can help your child think both creatively and logically, and apply these problem-solving skills throughout their school years and beyond!



Storytime Sequencing



Flaps wants to tell his friends what he did today. Help him tell his stories in the right order!



SEQUENCING is the basic building block of **CODING!**

Which sequence is in the correct order?

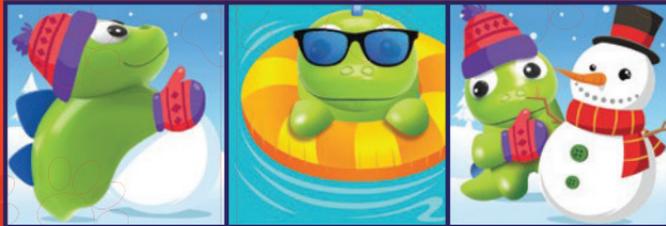
Which sequence shows a repeated step?

Which sequence is out of order?



Storytime Debugging

A



B



C



What's wrong with story A?

What's wrong with story B?

What's wrong with story C?

Romper did so many fun things today! But sometimes, he mixes up his stories. Can you find the picture that doesn't belong in each of the three stories?

you can **DEBUG** a sequence by finding the wrong step!



Hide and Seek



Use the PAW PRINT CARDS to plan your CODE!



Flaps and Romper are playing hide and seek! Use the paw print cards to plan a path to help Flaps find Romper without running into any trees!

Now, can you CODE ROMPER to find FLAPS?

CODING CORNERS

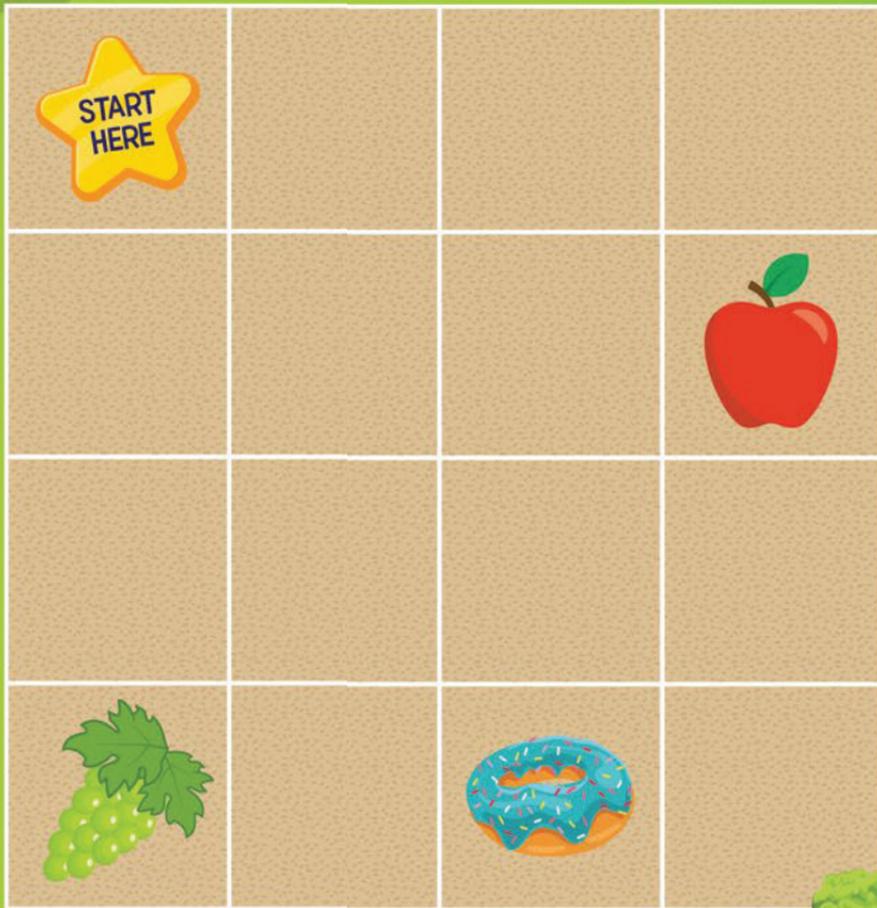


Flaps and Romper are having a picnic! Code them to pick up the treats in the following order:

You can use your FOOTPRINT CARDS to plan your code!



- 1 First, code a path to the RED apple.
- 2 Then, code a path to the BLUE donut.
- 3 Finally, code a path to the GREEN grapes.



GOING ON VACATION



Romper

Romper and Flaps are going on vacation, and need to pack! Romper is going to the beach and Flaps is going camping. Can you choose the items each dino needs to bring? Some items may be needed on both vacations.

Which objects can go in the water?

Which things could be used on land?

Flaps



IF Romper takes the yellow path,
THEN he will get to his cave.
IF Romper takes the blue path,
THEN he will get to his bone.

Which color path should Romper take to get to his bowl of food?

Which color path should I take to get my **Boulder**?



Treasure HUNT



Ahoy Matey!
How many steps
to get me to the
GOLD CROWN?



Romper is going on a treasure hunt. He can only make 10 moves. Using your arrows, how many pieces of treasure can he collect?

Try using
the FOOTPRINT
CARDS to plan
your moves!



How many
steps to the
RED gem?

How many
steps to the
BLUE gem?



Dino Pick-'Em-Up!

Romper and Flaps just made up a fun new game! Can you help them play? Place each dino in their starting spots, then take turns flipping a coin. Heads moves one, tails moves two. Each player takes 5 turns. How many leaves can you collect? The dino with the most leaves wins!

3,2,1...JUMP

Flaps needs help jumping over the puddle! Build him a ramp, then launch him safely to the other side!



Try building your ramp out of a stack of books!



Flaps will travel differently depending on the **ANGLE** of the books and the **FORCE** of your launch. Try different combinations and see how far he'll go!

PICNIC PARTY!

Romper and Flaps are on a picnic. Romper only likes vegetables and Flaps only likes fruits. Which foods would each dino like to eat?



Punch out the footprint cards to use with activities in this book!

