

Lucky charms

CODING



LUCKY CHARMS CODING MAP
Build a path from the Leprechaun to the Pot of Gold. Add 3 treasures, 1 rainbow bridge and 2 traps to the path!

code	Meaning
→	Move Right
←	Move Left
↑	Move up
↓	Move down
🍬	collect a Treasure
🌈	Go over a Rainbow Bridge
⬇️	Jump over a

CRACK THE CODE!
Leprechaun to the Pot of Gold.

Meaning
Move Right
Move Left
Move up
Move down
Collect a Treasure
Go over a Rainbow Bridge
Jump over a trap

created by Brooke Brown

LUCKY CHARMS CODING

This simple St. Patrick's themed introduction to block-style coding is perfect for Kindergarten through third graders as they learn the basics of programming. After completing activities such as these on paper, they can apply similar block coding strategies to coding websites and apps for kids such as code.org and [Kodable](https://www.kodable.com/), and eventually to more advanced languages of coding. To allow students to be most successful, please MODEL and clearly discuss directions for this activity before they complete it with partners.

*****Students may use real Lucky Charms cereal pieces for the path and marshmallows for the rewards, OR you may choose to use the provided paper pieces instead.*****

INSTRUCTIONS:

- 1) Partner students. Each pair of students will need one Lucky Charms Coding Mat (page 3), one Dixie cup full of Lucky Charms cereal, and a set of Map Pieces (various options on Pages 4-9), and 2-4 copies of "Crack the Code!" (page 10). You may also choose to put copies of page 10 inside clear page protectors so that students can write and wipe codes with dry erase markers multiple times. Page 11 is optional and is provided for you to project or display coding symbols.
- 2) Have pairs of students cut out all the map pieces and color if desired.
- 3) Student 1 arranges the map pieces on the Lucky Charms Coding Map, starting with the Leprechaun and ending with the Pot of Gold, with path pieces (cereal or green paper squares) in between to connect them. Then he or she places 3 treasures (marshmallows), 1 rainbow bridge, and 2 traps along the path.
- 4) Student 2 then "codes" the path of the leprechaun on page 8, using the provided symbols to draw the directions that he or she must travel. When the leprechaun comes to a treasure, rainbow bridge, or trap, they will draw the symbols to match.
- 5) Student 1 checks the code and coaches Student 2 as needed.
- 6) Map pieces are cleared and students trade places, with Student 2 creating the map and Student 1 writing the code.

CONTENTS

Page 3: DIGITAL Lucky Charms Coding Map (Google Slides and Seesaw)

Page 4: Lucky Charms Coding Map

Pages 5-6: Map Pieces for Lucky Charms Cereal (COLORED & BLACK AND WHITE)

Pages 7-10: Paper Map Pieces (COLORED & BLACK AND WHITE)

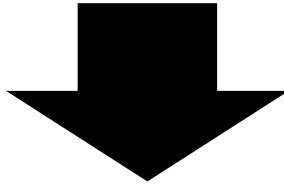
Page 11: Crack the Code! Recording Sheet

Page 12: Crack the Code! Chart to project or display

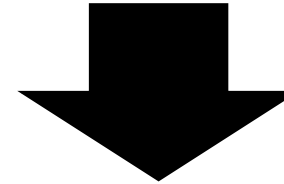
Page 13: Credits

LUCKY CHARMS CODING

[CLICK HERE
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FOR SEESAW
VERSION](#)



**Lucky charms
CODING**

created by Brooke Brown

This image shows a preview of the 'Lucky Charms Coding' activity. It features a cartoon leprechaun with a green hat and a black pot of gold. To the right, there is a 'LUCKY CHARMS CODING MAP' which is a grid with various icons like a rainbow, a pot, and a leprechaun. Above the map is a 'CRACK THE CODE' section with a list of instructions: 'Move Right', 'Move Left', 'Move Up', 'Move Down', 'Collect a treasure', 'Go over a trapdoor', 'Bridge', and 'Jump over a'. Below the map is a 'CODES' section with a list of instructions: 'Move Right', 'Move Left', 'Move Up', 'Move Down', 'Collect a treasure', 'Go over a trapdoor', 'Bridge', and 'Jump over a'. The entire activity is presented in a black-bordered frame.



**Lucky charms
CODING**

created by Brooke Brown

This image is an identical copy of the 'Lucky Charms Coding' activity preview shown in the left block, featuring the same leprechaun, coding map, and instructions.

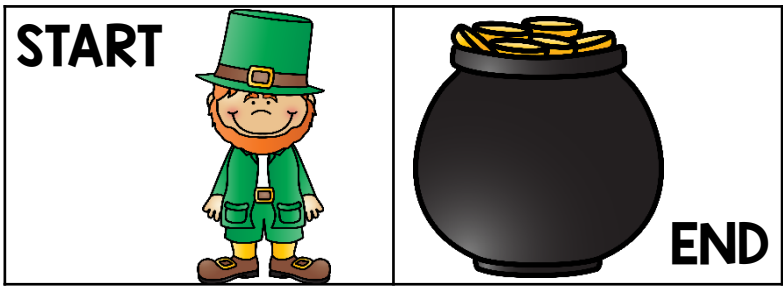
LUCKY CHARMS CODING MAP

Build a path from the Leprechaun to the Pot of Gold. Add 3 treasures, 1 rainbow bridge and 2 traps to the path!

USE THIS SHEET IF YOU PLAN TO USE LUCKY CHARMS CEREAL:

Place these pieces on your Lucky Charms Coding Map and build a path from your Leprechaun to the Pot of Gold.

Cut out the map pieces below.



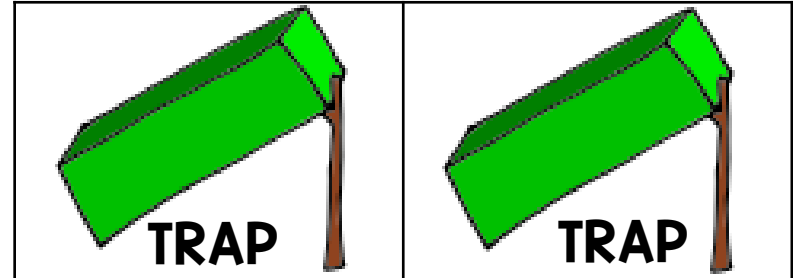
PATH PIECES = Lucky Charms cereal

3 TREASURES = Lucky Charms marshmallows

Place 1 Rainbow Bridge on the map.



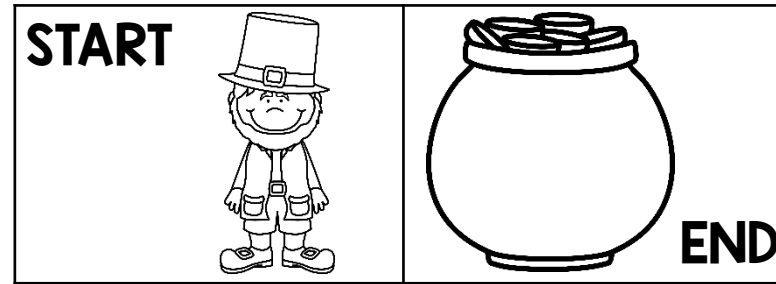
Place 2 Traps on the map.



USE THIS SHEET IF YOU PLAN TO USE LUCKY CHARMS CEREAL:

Place these pieces on your Lucky Charms Coding Map and build a path from your Leprechaun to the Pot of Gold.

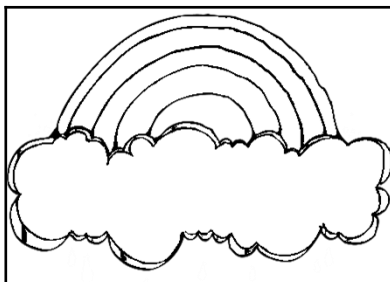
Cut out the map pieces below.



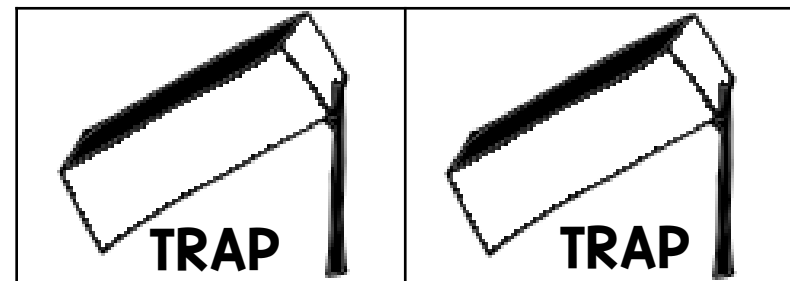
PATH PIECES = Lucky Charms cereal

3 TREASURES = Lucky Charms marshmallows

Place 1 Rainbow Bridge on the map.



Place 2 Traps on the map.

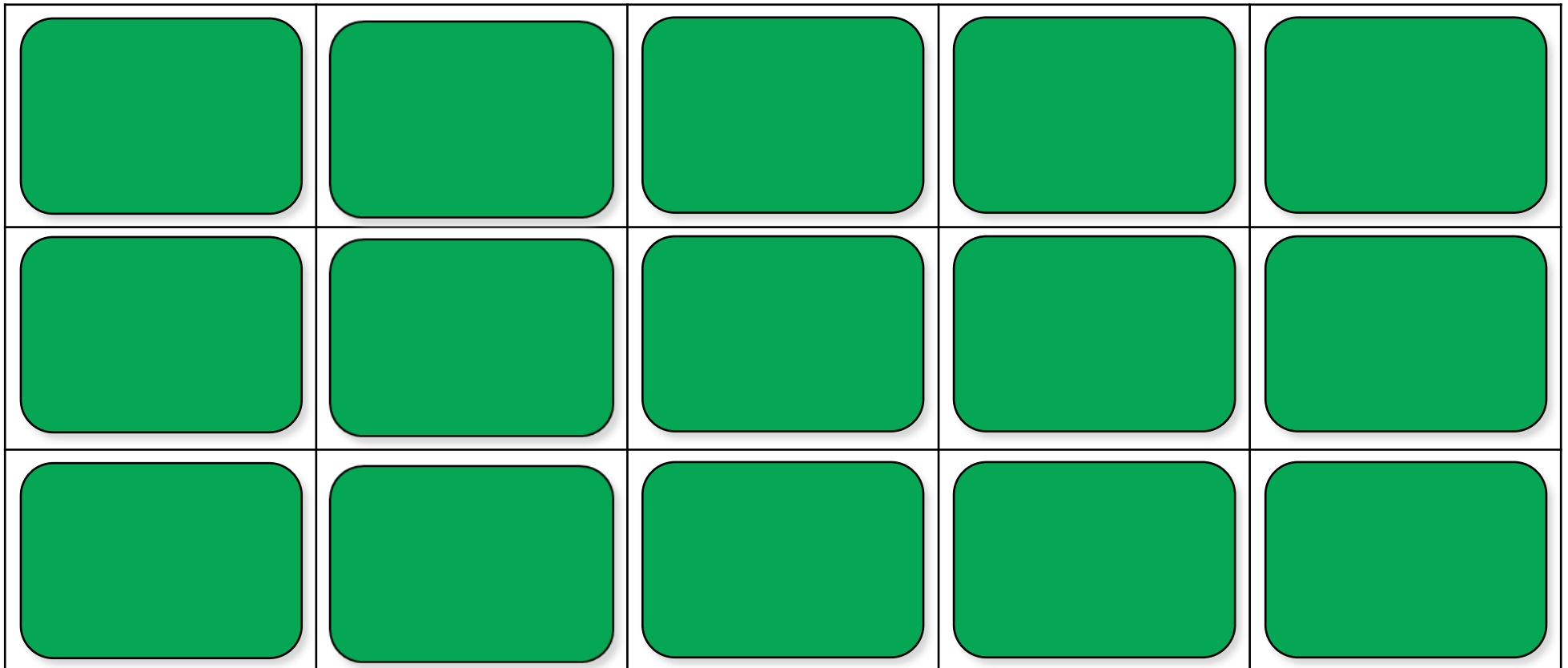


USE THIS SHEET IF YOU PLAN TO USE PAPER PIECES:

Place the following pieces on your Lucky Charms Coding Map and build a path from your Leprechaun to the Pot of Gold.
Cut out the map pieces below.



PATH PIECES

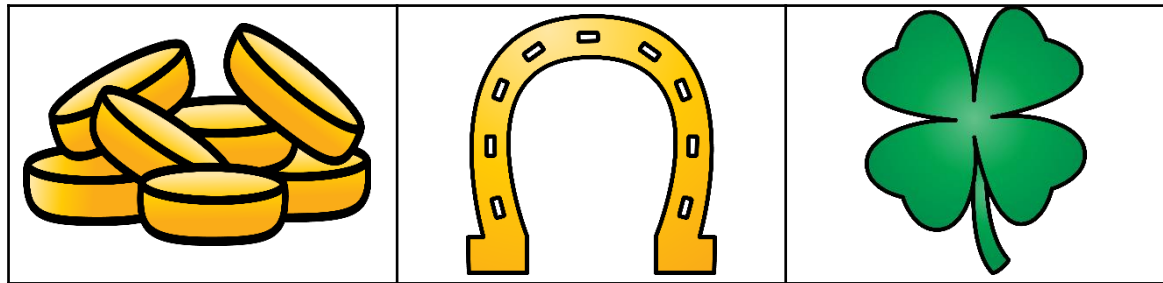


USE THIS SHEET IF YOU PLAN TO USE PAPER PIECES:

Place them on your Lucky Charms Coding Map and build a path from your Leprechaun to the Pot of Gold.

Cut out the map pieces below.

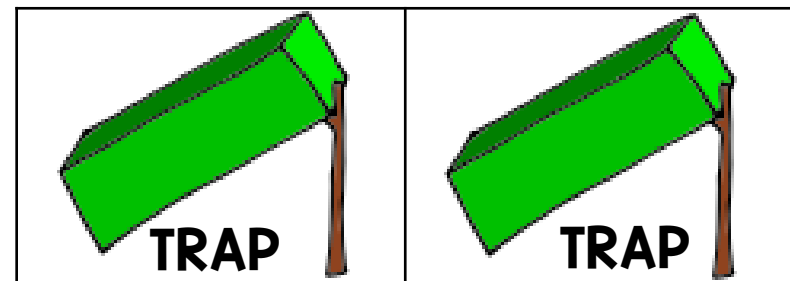
Place 3 treasures on the Lucky Charms Coding Map.



Place 1 Rainbow Bridge on the map.



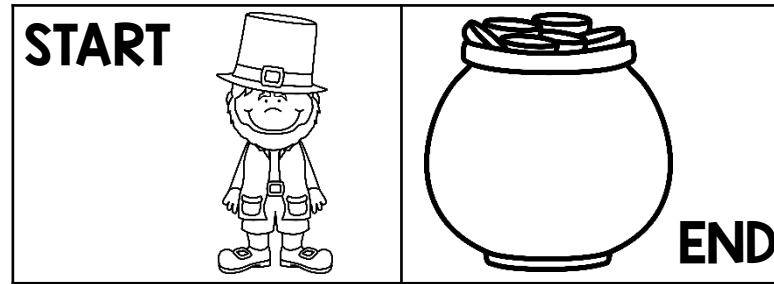
Place 2 Traps on the map.



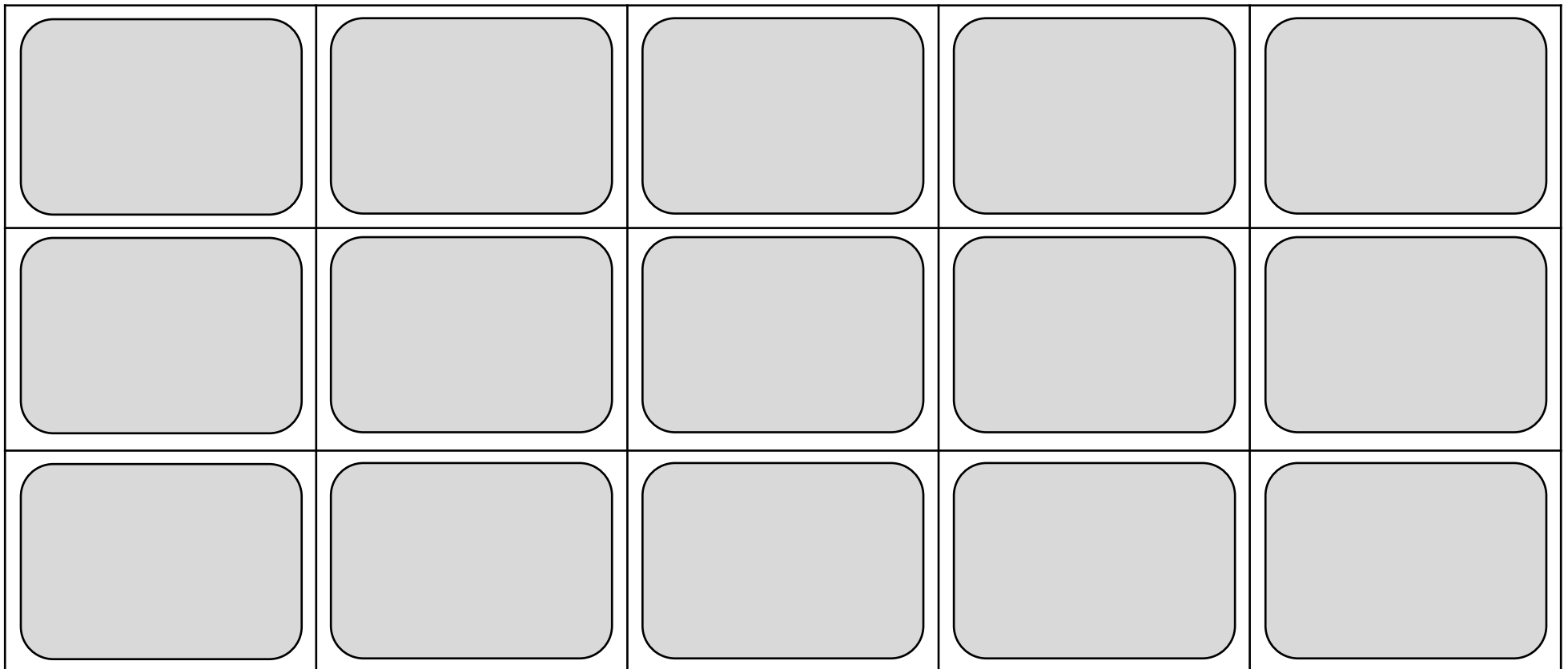
USE THIS SHEET IF YOU PLAN TO USE PAPER PIECES:

Place the following pieces on your Lucky Charms Coding Map and build a path from your Leprechaun to the Pot of Gold.

Cut out the map pieces below.



PATH PIECES

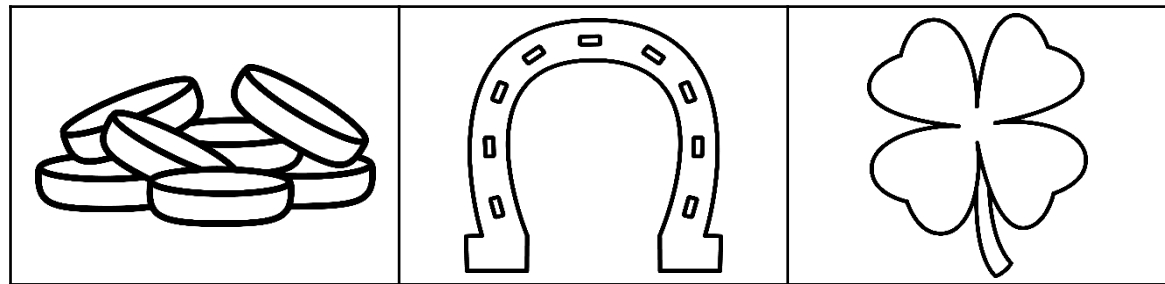


USE THIS SHEET IF YOU PLAN TO USE PAPER PIECES:

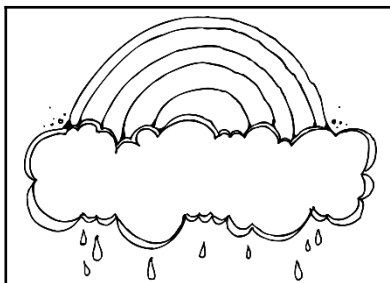
Place them on your Lucky Charms Coding Map and build a path from your Leprechaun to the Pot of Gold.

Cut out the map pieces below.

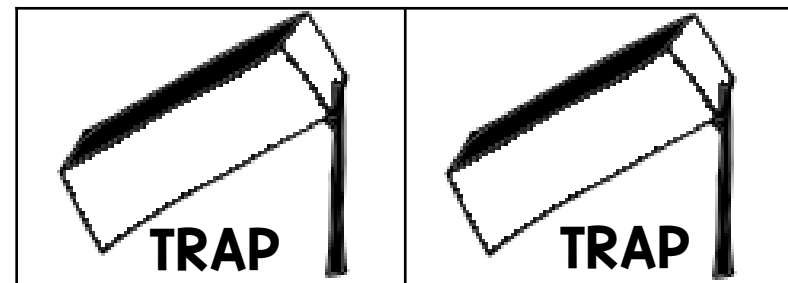
Place 3 treasures on the Lucky Charms Coding Map.



Place 1 Rainbow Bridge on the map.










Place 2 Traps on the map.



CRACK THE CODE!

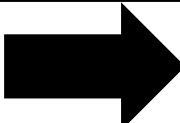
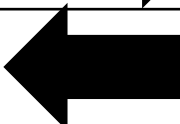





Draw and write the block code that will lead your Leprechaun to the Pot of Gold.

code	Meaning
	Move Right
	Move Left
	Move Up
	Move Down
	collect a Treasure
	Go over a Rainbow Bridge
	Jump over a Trap

TEACHER TIP: Place this sheet in a clear page protector for students to write and wipe multiple codes.

CRACK THE CODE!



code	Meaning
	Move Right
	Move Left
	Move Up
	Move Down
	collect a Treasure
	Go over a Rainbow Bridge
	Jump over a Trap

Thank you for your purchase!

Created by Brooke Brown

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