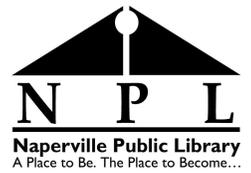


Logic Puzzle



Six children each added a different color to a rainbow mural, each using a different kind of art supply. Use the clues below to figure out which child painted which color with which art supply!

	Red	Orange	Yellow	Green	Blue	Violet	Crayon	Marker	Chalk	Pencil	Fabric	Paint
Eva												
Sam												
Riley												
Madison												
Ashley												
Owen												
Crayon												
Marker												
Chalk												
Pencil												
Fabric												
Paint												

CLUES:

1. Neither Sam nor Ashley added Orange.
2. Red was added with paint.
3. Either Riley or Owen used fabric.
4. Madison added green.
5. Violet was added with marker, but not by Eva.
6. Ashley loves chalk!
7. Riley used colored pencils to blend red and yellow into a new color.
8. Owen added blue.

TIPS:

- Use Xs to mark off boxes you know to be false
- Use Os or a center dot to mark off boxes you know to be true
- Once you find something true, you also know more false conditions for that item!

Color Sudoku

Fill each row and column with color shapes without repeating a color shape within a single row, column, or 3x3 block.

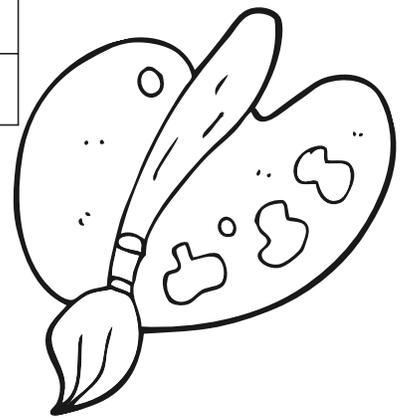
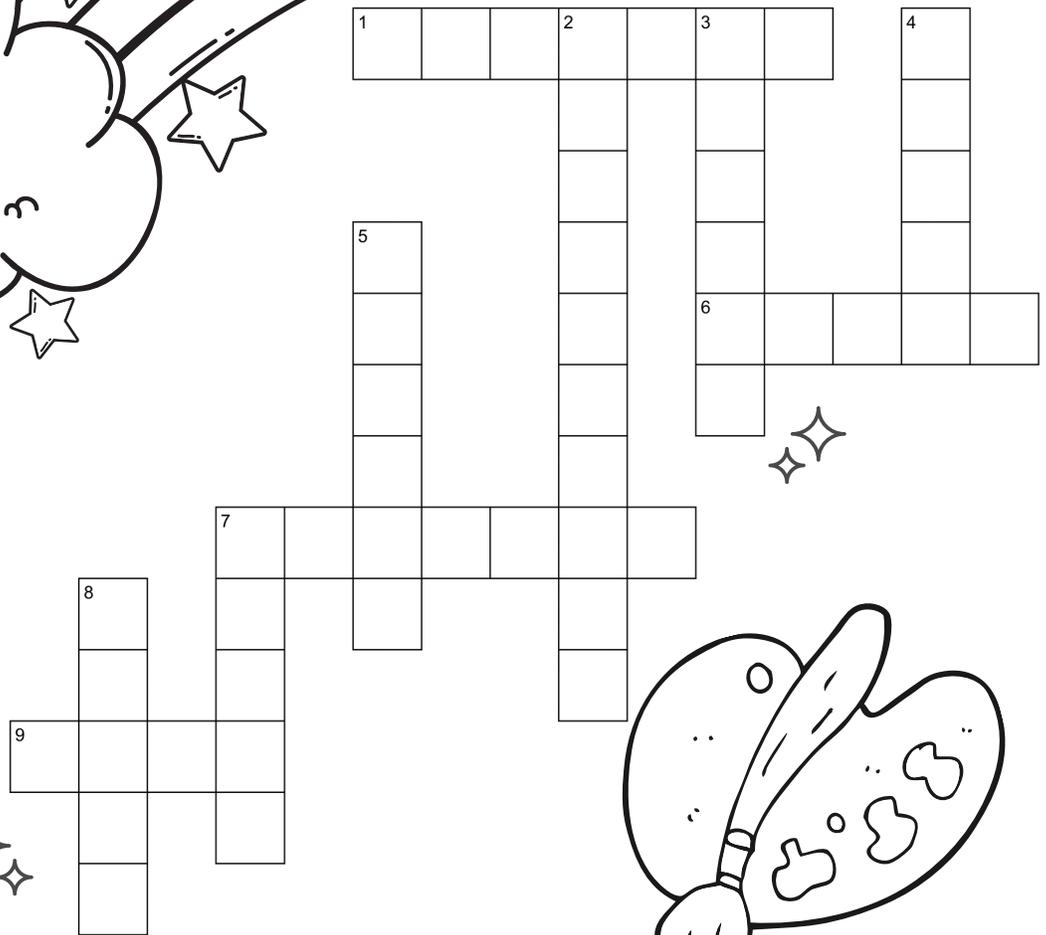
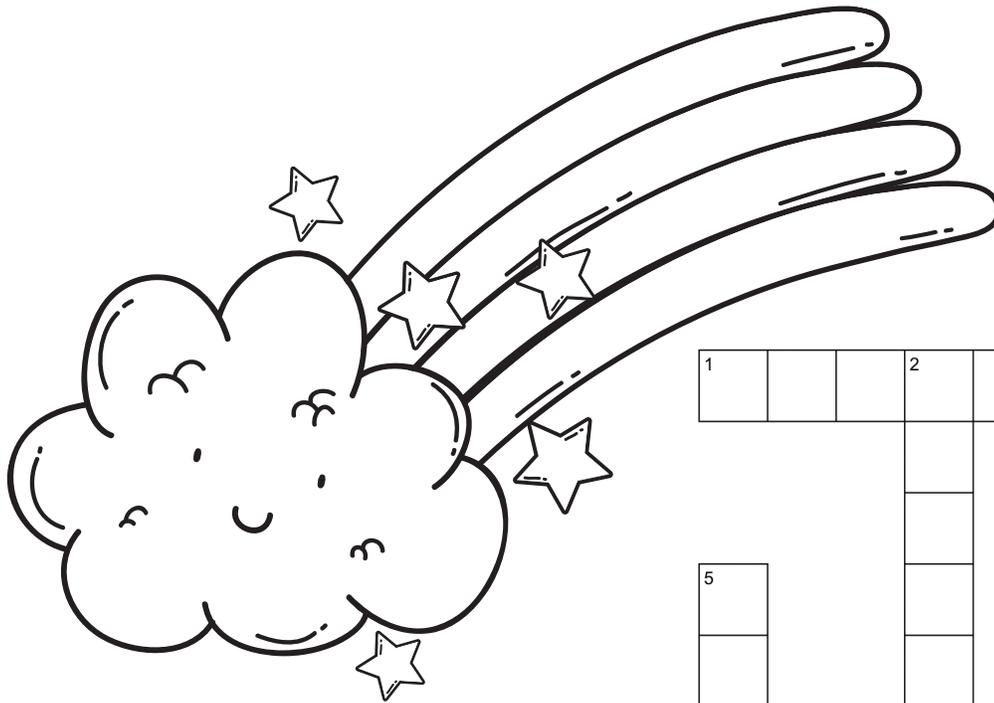
1 2 3 4 5 6 7 8 9



Color Crossword

Answer the questions below by filling in the blanks in the puzzle. ✨



ACROSS

1. Arc of colors in the sky that can be seen when the sun shines through falling rain
6. Mixing yellow and blue makes this color
7. A board or tray that holds paint
9. The lines in which light seems to stream from the sun

DOWN

2. This ice cream has three colors
3. Mixing red and yellow makes this color
4. This color reflects all other colors of the visible light spectrum
5. Mixing red and blue makes this color
7. When white light passes through this, the light bends and separates
8. This color absorbs all other colors of the visible light spectrum

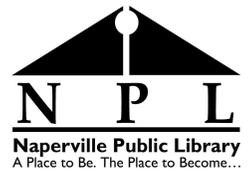


BEWARE!

ANSWER KEYS ARE AFTER THIS PAGE!

ONLY LOOK TO CHECK YOUR ANSWERS!

Logic Puzzle Answer Key



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	Red	Orange	Yellow	Green	Blue	Violet	Crayon	Marker	Chalk	Pencil	Fabric	Paint
Eva	●	X	X	X	X	X	X	X	X	X	X	●
Sam	X	X	X	X	X	●	X	●	X	X	X	X
Riley	X	●	X	X	X	X	X	X	●	X	X	X
Madison	X	X	X	●	X	X	●	X	X	X	X	X
Ashley	X	X	●	X	X	X	X	X	●	X	X	X
Owen	X	X	X	X	●	X	X	X	X	X	●	X
Crayon	X	X	X	●	X	X						
Marker	X	X	X	X	X	●						
Chalk	X	X	●	X	X	X						
Pencil	X	●	X	X	X	X						
Fabric	X	X	X	X	●	X						
Paint	●	X	X	X	X	X						

CLUES:

- Neither Sam nor Ashley added Orange.
- Red was added with paint.
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Color Sudoku

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Answer Key

1 2 3 4 5 6 7 8 9

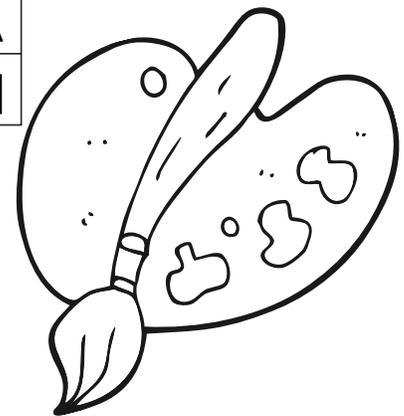
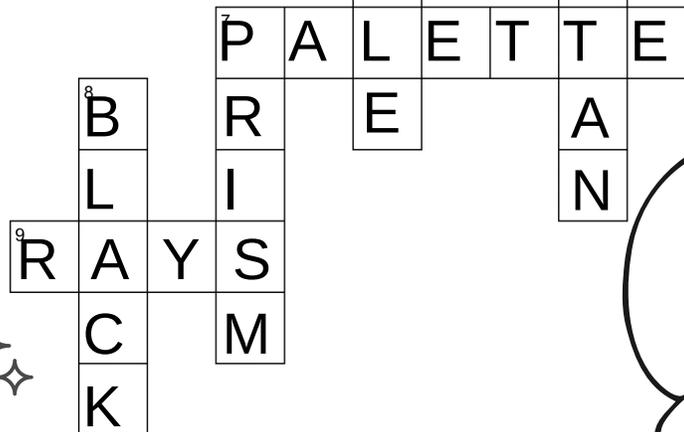
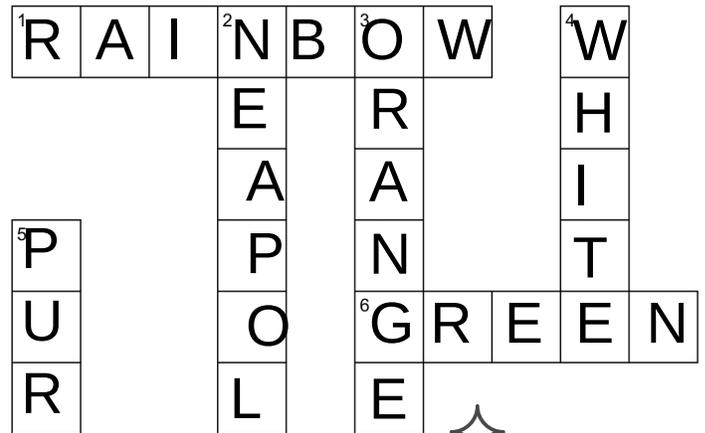
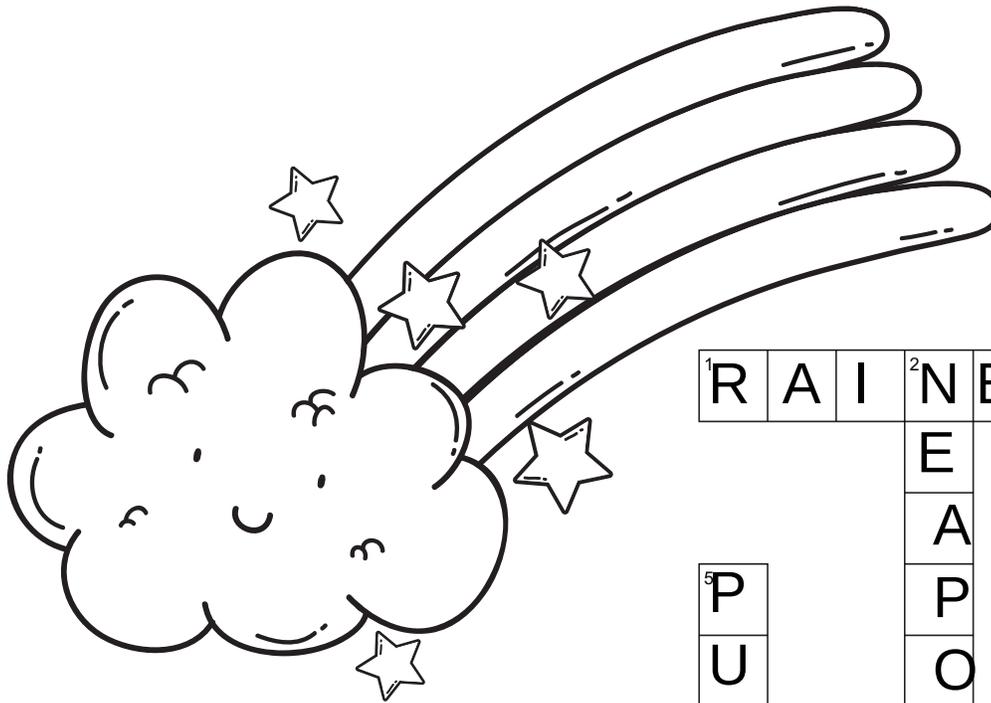


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Answer Key



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