



# PRIMARY THEME PARK

Theme & Unit Resources for the Elementary Classroom

Thank you for your download! I hope the activities provided within are a great new resource for your classroom.

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If you have any questions or need any minor changes, I'm happy to help. Please email me at [primarythemepark@gmail.com](mailto:primarythemepark@gmail.com).

Thanks, again! I hope this is your best year of teaching yet!

## Stephanie Trapp



I'd love to share more ideas and resources with you! Stop by my blog, [Primary Theme Park](http://PrimaryThemePark.com), for activities, ideas, and printables for the elementary classroom.

## Let's Connect!



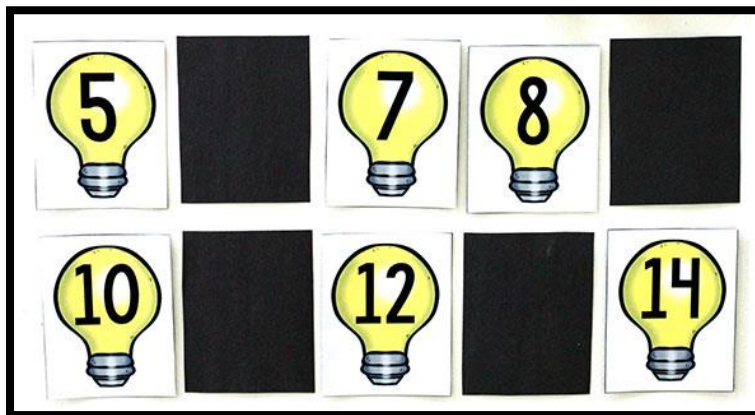
# Lights Out Math Game

## Materials:

- *Lights Out* number cards
- Black construction paper
- Scissors
- Stick glue
- One or two die
- Pencil (optional)
- Recording sheet (optional)

## Game Prep:

1. Print the number cards and glue them onto black construction paper.
2. Cut the cards out and laminate them. The front of the card shows the bulb and the back of the card is black.
3. Provide students with one or two die.
4. Optional recording sheets may be printed and used.



**Note:** When subtracting, make sure students know to subtract the larger number from the small number. If they roll a four and then a six, they will subtract six minus four.

## How to Play:

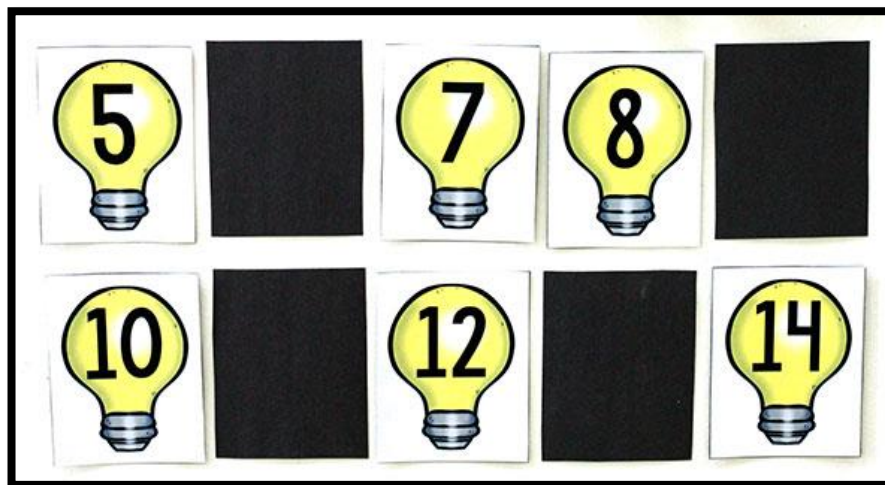
Students play the game with a partner or small group.

1. Decide if you want students to play with one die or two. See the chart below for details.
2. Students each have the exact same set of number cards. One at a time, a student rolls a die or dice, adds or subtracts the numbers and then turns over the number card with the answer.
3. Students keep rolling, adding or subtracting and then turning their cards over. The first student to turn all their cards over, or turn all their lights out, wins.

Number of Die	Number Cards to Use	Math Skill	How to Play
1	Numbers 4-10	Addition	Roll the die. Roll it again. Add the 2 numbers to find the sum.
1	Numbers 0-5	Subtraction	Roll the die. Roll it again. Subtract the 2 numbers to find the difference.
2	Numbers 10-20	Addition	Roll the dice. Roll them again. Add the 2 numbers to find the sum.
2	Numbers 0-5	Subtraction	Roll the dice. Roll them again. Subtract the 2 numbers to find the difference.

# Lights Out Math Game

Use the *Lights Out!* number cards to practice number sense!

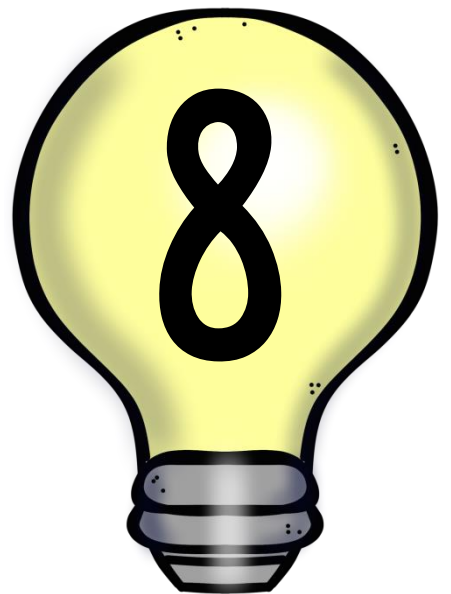
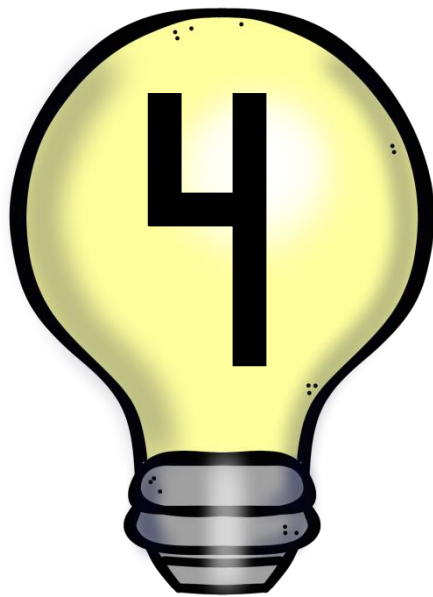
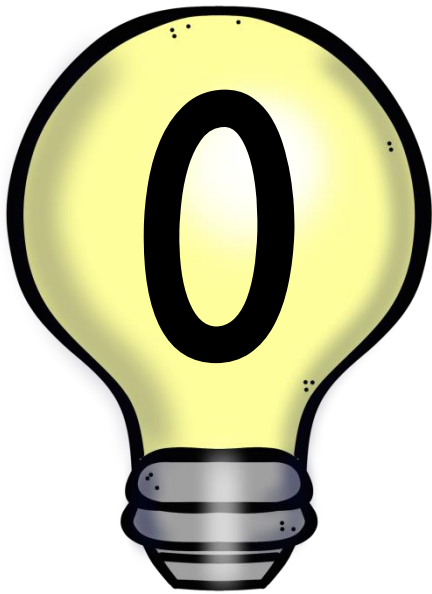


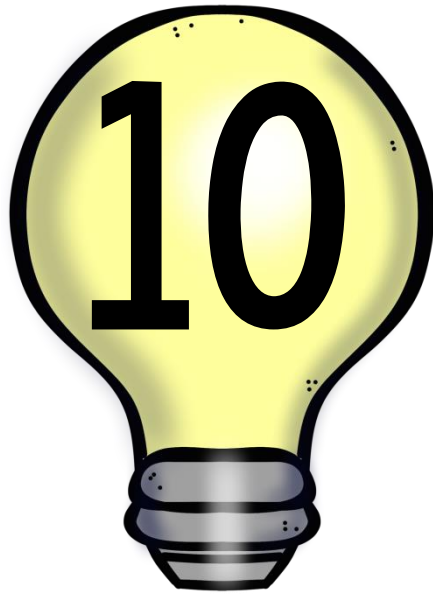
## Counting and Number Sense Idea #1:

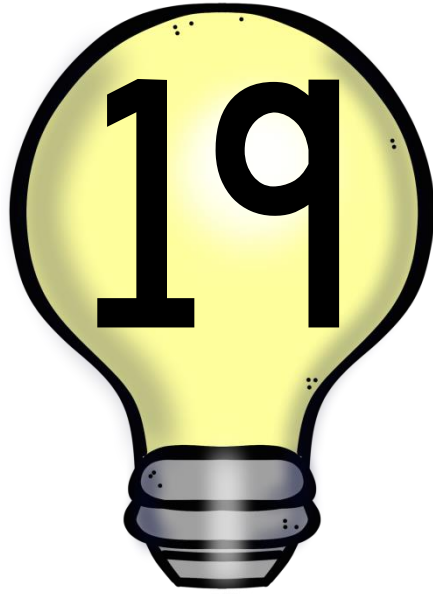
- Place several number cards together in sequence.
- Turn over a few so that the number isn't showing.
- Have students tell which lights are off (turned over).
- Count together and turn the lights back on (turn the black cards over when you count that number).

## Counting and Number Sense Idea #2:

- Place the cards face up so the numbers are showing.
- Choose a number. Give the student a clue about the number. For example, you might say "This number is one less than six" or "The number is two more than three".
- Have students turn off the light for the number you describe (turn over the card).
- Keep giving clues until all the lights are out (the cards have been turned over.)









# LIGHTS OUT!

Name: \_\_\_\_\_

- Roll the die. Roll it again.
- Add the 2 numbers to find the sum.
- Turn over the number card with your answer.
- Record your addition sentences below.

$+$	$=$	$+$	$=$
$+$	$=$	$+$	$=$
$+$	$=$	$+$	$=$
$+$	$=$	$+$	$=$
$+$	$=$	$+$	$=$
$+$	$=$	$+$	$=$
$+$	$=$	$+$	$=$
$+$	$=$	$+$	$=$

... The first player to turn out all their lights wins! ...



# LIGHTS OUT!

Name: \_\_\_\_\_

- Roll the die. Roll it again.
- Subtract the 2 numbers to find the difference.
- Turn over the number card with your answer.
- Record your subtraction sentences below.

$\quad - \quad =$	$\quad - \quad =$
$\quad - \quad =$	$\quad - \quad =$
$\quad - \quad =$	$\quad - \quad =$
$\quad - \quad =$	$\quad - \quad =$
$\quad - \quad =$	$\quad - \quad =$
$\quad - \quad =$	$\quad - \quad =$
$\quad - \quad =$	$\quad - \quad =$

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∴ The first player to turn out all their lights wins! ∴





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$+$	$=$	$+$	$=$
$+$	$=$	$+$	$=$
$+$	$=$	$+$	$=$
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$\quad - \quad =$	$\quad - \quad =$
$\quad - \quad =$	$\quad - \quad =$
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# Graphics & Fonts

A special thank you to these talented artists for the use of their graphics and fonts. Click on the buttons to visit their stores.

