Multiplication Magic: The 8 Times Table Adventure

Warm-Up Number Hunt (10 minutes)

Let's begin our multiplication journey with some number spotting!

Circle all the numbers that belong in the 8 times table:

8 12 16 20 24 28 32 35 40 48 52 56 64 72 80

Explain your thinking: How did you identify these numbers?

Visual Multiplication Groups (15 minutes)

Create and solve multiplication groups using pictures.

Draw Your Groups	Write Your Number Sentence
Draw 2 groups of 8 stars	2 × 8 = _____
Draw 3 groups of 8 circles	3 × 8 = _____
Draw 4 groups of 8 triangles	4 × 8 = _____

Spider Leg Challenge! (20 minutes)

Use your knowledge of the 8 times table to solve these spider problems.

Problem 1: Each spider has 8 legs. How many legs do these spiders have in total?

2 spiders [Drawing Space] _____ legs	3 spiders [Drawing Space] _____ legs	4 spiders [Drawing Space] _____ legs

Show your working out:

Multiplication Pattern Detective (15 minutes)

Investigate these number patterns and complete the challenges.

1. Complete the pattern:

   8, 16, _____, 32, _____, 48, _____, 64

2. What do you notice about the ones digit (last number) in the 8 times table?

3. Create your own pattern using the 8 times table:

Real-World Multiplication Stories (20 minutes)

Create and solve your own multiplication stories using the 8 times table.

Story Starters:

- Each octopus has 8 tentacles...
- The flower has 8 petals...
- There are 8 cookies in each pack...

Write your story here:

Draw a picture to match your story:

Show your calculation:

Skip Counting Challenge (15 minutes)

Practice skip counting by 8s forwards and backwards.

Complete the number line by counting in 8s:

0 → 8 → ____ → ____ → 32 → ____ → ____ → 56 → ____ → ____

Now count backwards from 96:

96 → ____ → ____ → ____ → 64 → ____ → ____ → 40 → ____ → ____

Multiplication Grid Challenge (20 minutes)

Fill in the multiplication grid and discover patterns.

×	8	Answer	Double Check
1	8		

Word Problem Workshop (25 minutes)

Solve these real-world problems using the 8 times table.

Problem 1: A bakery makes 8 cupcakes per tray. If they use 6 trays, how many cupcakes do they make in total?

Working out:

Answer: _____ cupcakes

Problem 2: Each octopus at the aquarium needs 8 pieces of food per day. How many pieces of food are needed for 9 octopuses?

Working out:

Answer: _____ pieces of food

Missing Number Puzzles (15 minutes)

Find the missing numbers in these multiplication equations.

___ × 8 = 40

8 × ___ = 72

___ × 8 = 96

8 × ___ = 24

Multiplication Memory Game (20 minutes)

Create your own memory cards using the 8 times table.

8 × 4	32	[Create your own]

Assessment Challenge (30 minutes)

Show what you've learned about the 8 times table.

1. Write out the complete 8 times table from 1×8 to 12×8

2. Explain how you can use doubling to help with the 8 times table

3. Create a word problem using the 8 times table and solve it

Extension Activities

Challenge yourself with these bonus activities!

Super Challenge 1: Multiple Step Problems

If 8 friends each have 8 stickers, and they each give away 3 stickers, how many stickers do they have left in total?

Super Challenge 2: Pattern Investigation

Investigate what happens when you multiply 8 by any even number. What patterns do you notice?

Reflection and Self-Assessment

Rate your understanding:

🙁 Need More Practice   😊 Getting There   🌟 Got It!

What I learned today:

Questions I still have:

Wrap-Up Challenge (10 minutes)

Let's review what we've learned about the 8 times table!

Complete the Magic 8 Review

1. Write the 8 times table from memory up to 12 × 8

   _____

2. Circle your favorite multiplication fact and explain why:

   _____

3. What patterns did you discover in the 8 times table?

   _____

🌟 Congratulations! 🌟

You've completed your multiplication adventure with the 8 times table!

Rate your understanding:

😊 I understand completely   🤔 I need more practice   🙁 I need help

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