

CHRISTMAS

LOGIC PROBLEMS

Find the value for each symbol.

$$\text{Bow} + \text{Bow} = 74$$

$$\text{Bow} - \text{Reindeer} = 24$$

$$\text{Reindeer} + \text{Tree} = 34$$

18

Find the value for each symbol.

$$\text{Tree} + \text{Tree} = 60$$

$$\text{Tree} - \text{Sleigh} + \text{Ornament} = 20$$

$$\text{Ornament} + \text{Ornament} = 40$$

8

Find the value for each symbol.

$$\text{Tree} - \text{Gift} = 18$$

$$\text{Gift} + \text{Gift} + \text{Gift} = 48$$

$$\text{Reindeer} - \text{Tree} = 50$$

15

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GRADES
3-5

Ready to
challenge

your students' brains this
December?

These Logic Puzzles will require
your students to think differently
than they are used to, providing a
whole new element of challenge!



Find the value for each symbol.

$$\text{Tree} + \text{Candy Cane} - \text{Ornament} = 10$$

$$\text{Candy Cane} + \text{Candy Cane} = 40$$

$$\text{Ornament} + 6 = \text{Candy Cane}$$

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Find the value for each symbol.

$$\text{Tree} + \text{Tree} = 60$$

$$\text{Tree} - \text{Sleigh} + \text{Ornament} = 20$$

$$\text{Ornament} + \text{Ornament} = 10$$

8

Requires
critical
thinking!






























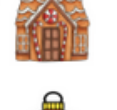
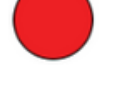


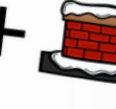










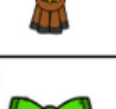





















This set includes
20 logic puzzles

that focus on addition and subtraction within 100.

But don't be fooled! These puzzles are trickier than they look!

A recording sheet is included to make student organization simple.

RECORDING SHEET (ADDITION AND SUBTRACTION WITHIN 100)

1  =  =  =	2  =  =  =	3  =  =  =	4  =  =  =
5  =  =  =	6  =  =  =	7  =  =  =	8  =  =
9  =  =  =	10  =  =  =	11  =  =  =	12  +  -  = 10  +  = 40  + 6 = 
13  =  =  =	14  =  =  =	15  =  =  =	6  =  =
17  =  =  =	18  =  =  =	19  =  =  =	Find the value for each symbol.  +  = 60  +  = 20  -  +  = 18

Ideas for Use



Morning Tubs



Math Centers



Early Finisher Activity



Around the Room Gallery Walk

Tip:

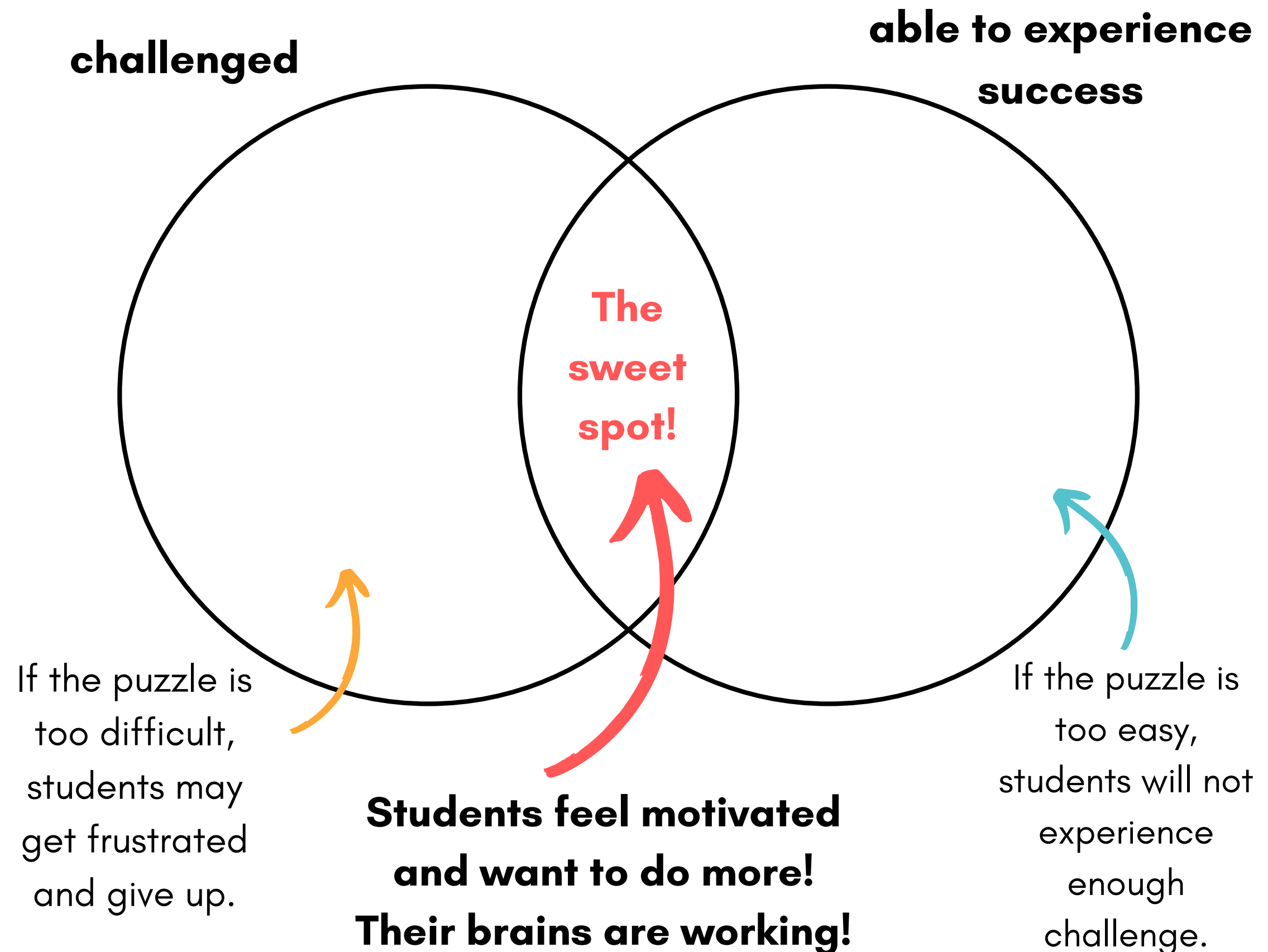
Let your students work in partners and listen to the amazing math conversation that occurs!

"Just enough" struggle...

There is a **sweet spot** when it comes to student engagement.

You want your students challenged "just enough" so their brains experience a bit of struggle. But if the challenge is too much, you'll have students experiencing frustration instead (not the goal!)

In the sweet spot, students are **motivated and having fun!**



In order to have all your students working in their very own sweet spot, it may be necessary to provide **differentiated puzzles.**

This bundle includes ALL my Christmas Logic Problems - 160 in all, at 8 different levels!

Let students choose the set they work on, telling them, "*Choose the set that gives your brain the perfect amount of struggle!*"

CHRISTMAS
LOGIC PROBLEMS

Bundle **160**
PUZZLES

Find the value for each symbol.

$$\begin{array}{l} \text{Red Ornament} \div 2 = \text{Green Sock} \\ \text{Green Sock} \times \text{Green Sock} = \text{Red Sweater} \\ \text{Red Sweater} \div \text{Red Ornament} = 7 \end{array}$$

Find the value for each symbol.

$$\begin{array}{l} \text{Red Ornament} + \text{Santa Claus} + \text{Santa Claus} = 30 \\ \text{Santa Claus} + \text{Green Tree} = 20 \\ \text{Green Tree} + \text{Green Tree} = 16 \end{array}$$

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Differentiate to all your students with the Christmas Logic Puzzle Bundle [HERE](#).