

# CHRISTMAS

## LOGIC PROBLEMS

Find the value for each symbol.

$$\text{Santa} + \text{Piano} = 18$$

$$\text{Piano} + \text{Piano} = 20$$

$$\text{Sack} + \text{Santa} = 17$$

2

Find the value for each symbol.

$$\text{Gingerbread} + \text{Gingerbread} = 8$$

$$\text{Gingerbread} + \text{Candy Cane} = 20$$

$$\text{Candy Cane} + \text{Reindeer} = 17$$

17

Find the value for each

$$\text{Candy Cane} + \text{Stocking} = 10$$

$$\text{Duck} + \text{Candy Cane} = 17$$

$$\text{Candy Cane} + \text{Candy Cane} = 10$$

3

GRADE  
2

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.

$$\text{Gingerbread Man} + \text{Gingerbread Man} = 8$$
$$\text{Gingerbread Man} + \text{Candy Cane} = 20$$

17

Find the value for each symbol.

$$\text{Reindeer} + \text{Sweater} = 17$$
$$\text{Reindeer} + \text{Gift} = 18$$
$$\text{Sweater} + \text{Sweater} = 15$$

15

Requires  
critical  
thinking!

This set includes  
**20 logic puzzles**

that focus on addition within 20.

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 Within 20)

1	=	2	=
	=		=
	=		=
3	=	4	=
	=		=
	=		=
5	=	6	=
	=		=
	=		=
7	=	8	=
	=		=
	=		=
9	=	10	=
	=		=
	=		=
11	=	12	=
	=		
	=		
13	=	14	=
	=		=
	=		=
15	=	16	=
	=		=
17	=	18	=
	=		=
	=		=
19	=		
	=		
	=		

Find the value for each symbol.

+ = 18

+ = 20

+ = 2

Find the value for each symbol.

+ = 15

+ = 20

+ = 10

# Ideas for Use



**Morning Tubs**



**Math Centers**



**Early Finisher Activity**



**Around the Room Gallery Walk**

**Tip:**

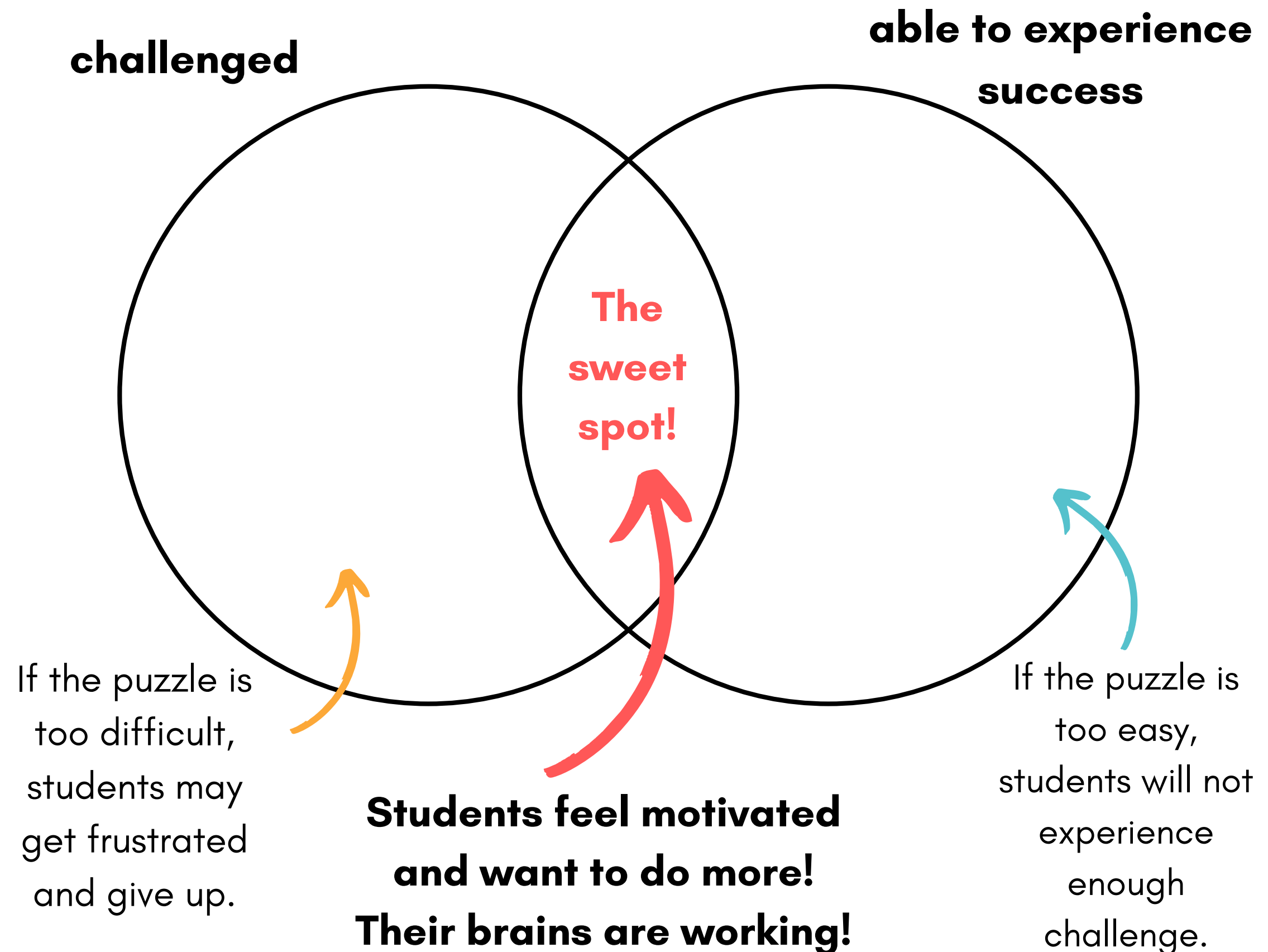
Let your students work in partners and listen to the amazing math conversation that occurs!

# "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.

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

**SHELLEY GRAY**

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