



## **TOOL // Grade 2 Assessment – Area and Grids**

### **What is it used for?**

The tool allows teachers to gather summative assessment data across 3 categories of the achievement chart related to the evaluation of specific expectations:

- measuring and recording area(Measurement)
- describe relative location and movement on of objects on a map (Geometry).

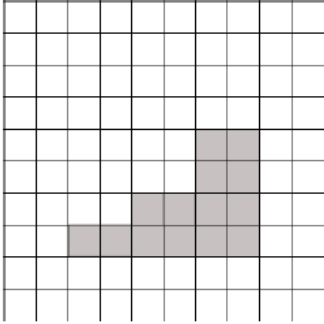
### **How do you use it?**

After a variety of learning experiences with feedback provided, students independently complete the summative assessment tasks over two periods. It is best to give students the problem solving on a separate day. The teacher collects and uses the rubric to assess. The data can be used as part of reporting data as well as to inform next steps for students needing review or re-teaching.

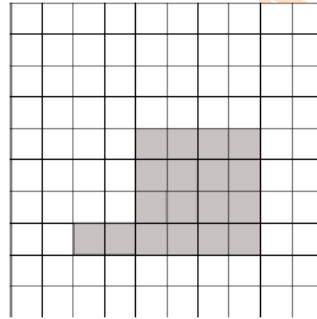
Grade 2 Summative Assessment Area and Grids

Knowledge and Understanding

What is the area of the shaded shape?

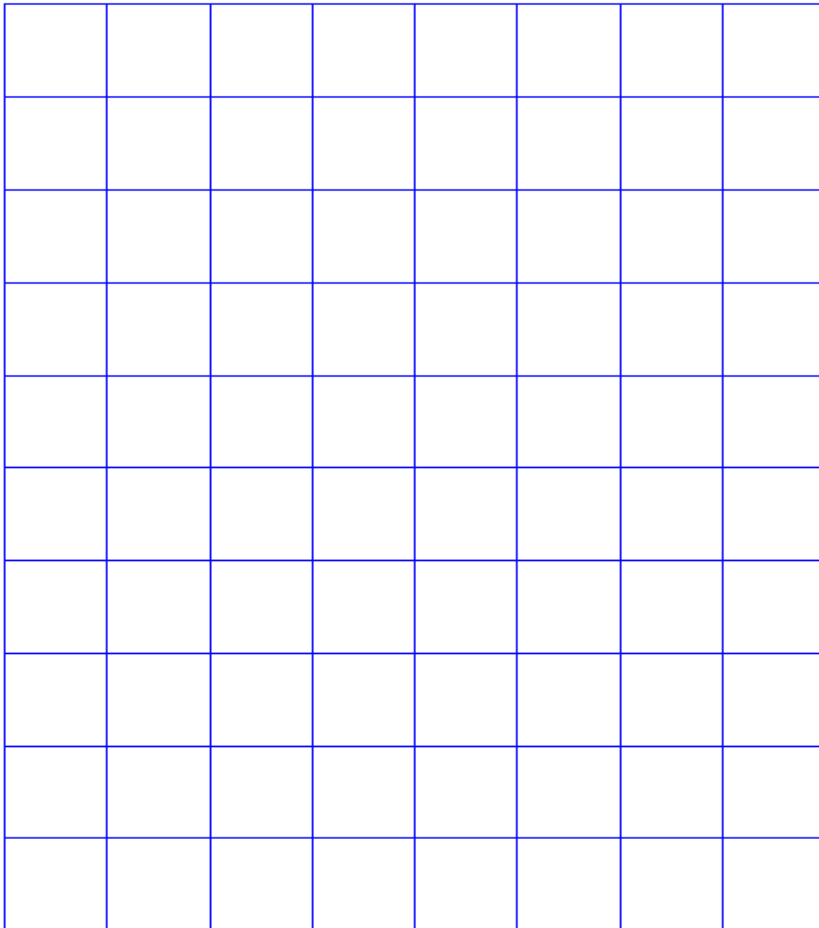


Square units \_\_\_\_\_










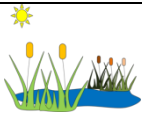







Square units \_\_\_\_\_

On the grid draw 2 shapes with an area of 8 square units.

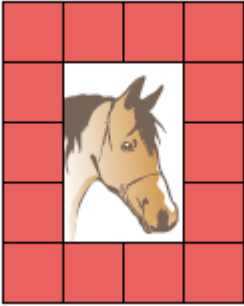


Communication

Can you describe 2 ways to get from Little Red Riding Hood's house to Grandma's cottage?

				Grandma's House 	
					
					
					
 Red Riding Hood's House					
					

## Thinking



Judy thinks that the picture of the horse has the same area as the frame. Is she right? Explain your thinking.

Categories	Level 4 (A)	Level 3 (B)	Level 2 (C)	Level 1 (D)
<b>Knowledge and Understanding</b>	<b>Demonstrates an in depth understanding of area</b> by accurately completing 4 of the area questions	<b>Demonstrates considerable understanding area</b> by accurately completing 3 of the area questions	<b>Demonstrates some understanding of area</b> by accurately completing 2 of the area questions	<b>Demonstrates limited understanding of area</b> by accurately completing 1 of the area questions
<b>Thinking</b>	Choses efficient strategies to solve the problem, Carries strategies through in a highly organized manner to an accurate solution	Choses appropriate strategies to solve problem, Carries most strategies through in a generally organized manner usually arriving at accurate solutions	Attempts to solve problem by carry some strategies through in a somewhat organized way sometimes arriving at an accurate solution	Models a small part of the problem but rarely carries it through to a solution Process is hard to understand or follow
<b>Communication</b>	Explains path chosen clearly and completing using math vocabulary Communicates clearly process used in (pictures, numbers and words)	Explains path chosen generally clearly and completely using some math vocabulary Generally communicates process used	Explains path chosen somewhat completely using few mathematical terms Simply in a somewhat clear way communicates process used	Explains path chosen unclearly in very limited ways Communicates process in a disorganized or incomplete way