GRADE 4: Thursday 28 October

READING	WRITING	MATHS	INQUIRY/OTHER
Learning intention	*Learning intention*	*Learning intention*	*Learning intention*
We are learning how to view and respond to a visual text.	**We are learning** how to edit and publish our discussion text.	**We are learning** how to find the area of a composite shape.	**We are learning** to be mindful.
Success Criteria	*Success Criteria*	*Success Criteria*	*Success Criteria*
I can demonstrate my understandings after listening to a visual/audio text.	**I can** edit my text to improve the word choice, spelling and punctuation. **I can** publish my discussion text.	**I can** estimate the area of the composite shapes, using the example to guide me. **I can** count the squares to find the area.	**I can** think deeply about my emotions when focusing on one aspect of it.
Task	*Task*	*Task*	*Task*

READING

Read independently for **20 minutes**.

ACTIVITY: WATCH, LISTEN AND RESPOND

Watch: 'Sustainable Fishing'

The video tells you about the **MSC (Marine Stewardship Council)** who have developed a special blue *ecolabel* to put on seafood products that meet their sustainable standards.

Task: Using MS Publisher or MS Word, create a new and improved label for the 'MSC'. Add some important information on your label such as:
- What does MSC stand for?
- What do they advocate/promote?
- Change the colour
- Put a design of a fish or fishing
- Tell the consumer why they should choose seafood with your label on it.

CERTIFIED SUSTAINABLE SEAFOOD MSC
www.msc.org

WRITING

ACTIVITY: EDITING AND PUBLISHING

Revise your work to check if it includes strong balanced arguments, if it needs more evidence and **edit** for punctuation and spelling.

Publish your discussion from yesterday using Microsoft Word. Include a bold heading, images and a border.

*Use this checklist to help you revise and edit (larger version found below)

DISCUSSION CHECK LIST

TEXT STRUCTURE:
- ☐ Introduction of topic with a brief overview
- ☐ 1st argument for topic and supporting evidence
- ☐ 2nd argument for topic and supporting evidence
- ☐ 1st argument against topic and supporting evidence
- ☐ 2nd argument against topic and supporting evidence
- ☐ Conclusion: a summary of opinions and evidence

WORD CHOICE:
- ☐ Modality words used
- ☐ Sequencing words used
- ☐ Opinion words used

PUNCTUATION:
- ☐ Capital letters
- ☐ Full stops, commas, question marks
- ☐ Check spelling of underlined words
- ☐ Paragraphs used
- ☐ Does it make sense? Do you have strong arguments?

MATHS

Warm up: Work out which equation does not belong. You can use a calculator for this task.

Who Is The Impostor?

$12 \times 12 = 144$	$1234 - 321 = 913$
$5^3 = 125$	$100 \div 5 = 20$
$256 \div 8 = 32$	$1234 + 5678 = 6812$
$6 \times 6 = 36$	$11 \times 11 = 121$
$126 \div 6 = 22$	$96 \div 6 = 16$

ACTVITY: AREA OF COMPOSITE SHAPES

Watch: Area of a Composite Figure.
Watch: Introduction to Area

Using the 'Area of composite shapes' worksheet below, estimate the area of the two pictures.

Be careful - they are not all using 1 cm squares! (The first one has been done for you with an example to guide you).

INQUIRY/OTHER

ACTVITY: MINDFULNESS

Reminder: Mindfulness is the practice of making our attention focus on the present time.

Each day we are faced with many tasks that are deemed *urgent*. Reflect on what makes you feel calm and relaxed, continue the table below by adding to the brainstorm at least 3 'things that keep you busy' and 3 'things that keep you calm and relaxed'. Example below.

Things that keep us busy:	Things that keep us calm and relaxed:
School	Family
Sport	Pets
Video games	Reading

It is important to allow time for the 'calm' things every day.

Practise one of these for at least 15 minutes after your lessons are complete.

Write down or highlight which one you did, or even take a photo of you doing it to send it to your teacher!

Too hard?	Too hard?	Too hard?	Too hard?
N/A	N/A	Find the ==smallest area of the shapes== sheet below using the CM squares to count.	N/A
Too easy?	**Too easy?**	**Too easy?**	**Too easy?**
The MSC is displayed on tens of thousands of products in over 100 countries. Research to discover which countries are promoting the idea of sustainable fishing practices.	Complete the activity above. Check to see if you used interesting modality and sequencing words.	Complete the ==Area Problems== located below. Remember to present your working out and final solution in an easy to read manner.	If you have a magnifying glass, use it around the outside of your home. What colours can you see, what insects can you find, describe how they look zoomed in (magnified).
Don't have _____ ?	**Don't have _____ ?**	**Don't have _____ ?**	**Don't have _____ ?**
N/A	N/A	N/A	N/A

DISCUSSION CHECK LIST

TEXT STRUCTURE:

☐ Introduction of topic with a brief overview

☐ 1st argument for topic and supporting evidence

☐ 2nd argument for topic and supporting evidence

☐ 1st argument against topic and supporting evidence

☐ 2nd argument against topic and supporting evidence

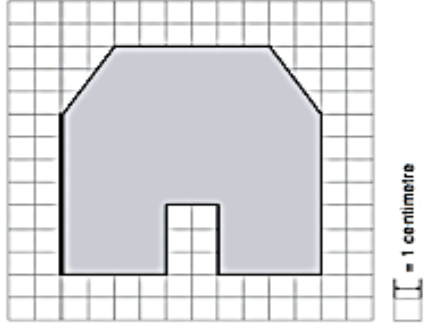☐ Conclusion: a summary of opinions and evidence

WORD CHOICE:

☐ Modality words used

☐ Sequencing words used

☐ Opinion words used

PUNCTUATION:

☐ Capital letters

☐ Full stops, commas, question marks

☐ Check spelling of underlined words

☐ Paragraphs used
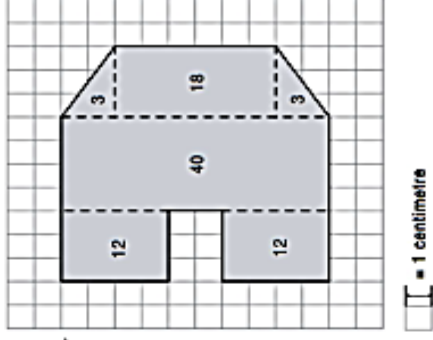
☐ Does it make sense? Do you have strong arguments?
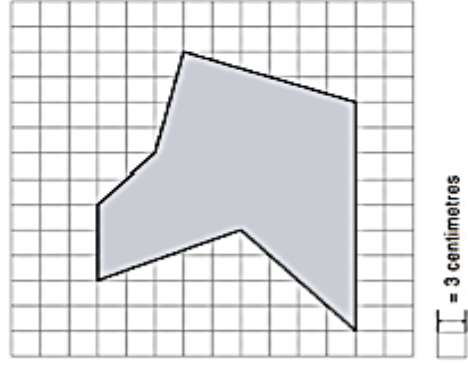
Composite Shapes on Grid

Use this same picture as an example of how to cut it into parts to help you calculate the area.

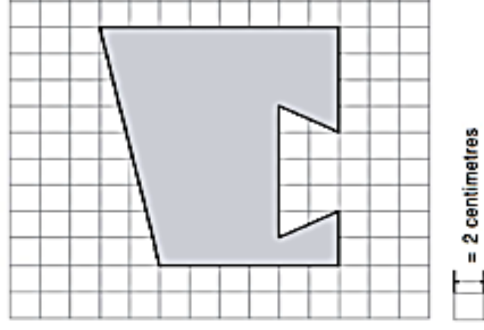|	
12	12
40	
3	18	3

= 1 centimetre

Estimate the area of the shape.

= 1 centimetre

Estimate the area of the shape.

Complete these two questions below using the same strategies as above.

= 2 centimetres
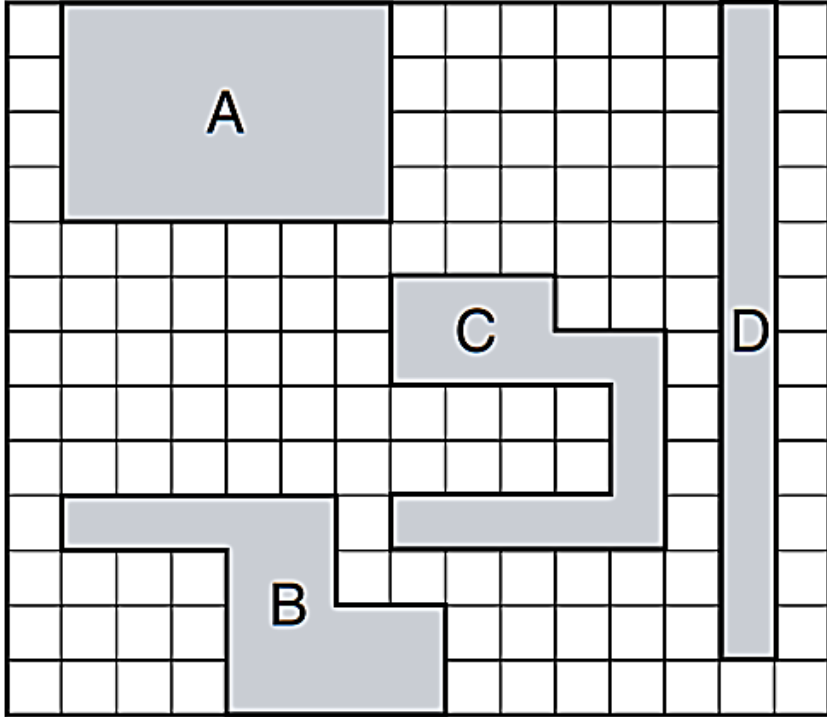
Estimate the area of the shape.

= 3 centimetres

Estimate the area of the shape.

Finding the Area
Continued

Name: _____ Date: _____

Each small square in the diagram shown above has an area of one square metre. Which figure in the above diagram has the SMALLEST area?

Area Word Problems

1. Each table in a classroom is 110cm long and 55cm wide.

   What is the area of each table in square centimetres and square metres?

   There are 16 tables in a classroom. What is the total area of the tables in the classroom in square metres?

   _____

2. An artificial football pitch is 92 metres long and 41 metres wide. There is a border of grass all around the edge of the pitch that is 2 metres wide. What is the area of the whole artificial surface?

   If the cost of the surface is $38 per square metre, what is the cost of installing the whole pitch?

   _____

3. A bedroom is 3.5m long and 2.4m wide and 2.1m high. Ignoring the door and window, what is the total area of the walls in the bedroom?

   A tin of paint will cover 20m². How many tins are needed if the walls all need 2 coats of paint?

   _____

4. A window is 1.7m wide and 85cm high. What is the area of the window?

   Three times the area of the window is needed for curtain material. What area of material is needed?

   _____

5. A car park space needs 8 square metres for 1 car. Just considering the spaces for parking, what dimensions for a car park would be needed for 62 cars?

   What else needs to be taken into account?

   _____