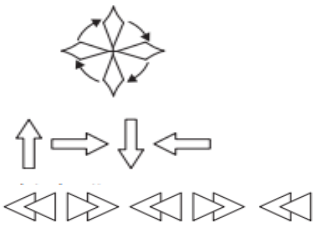
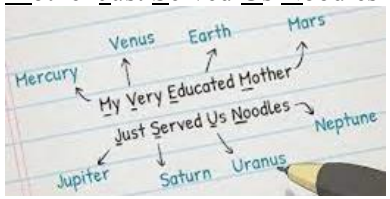
St Johns Park Public School - Year 5, Term 3, Week 7

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	**FITNESS:** • 15 wall sits • 15 leg lifts • Balance on your left then right foot for 30 seconds • 15 toe touches **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** How do people change the environment? People may or may not change the natural environment for their lifestyle. Watch the video Episode 1 Far West Coast from the Water Wisdom series. Link: https://iview.abc.net.au/video/ZW2526A001S00 Answer the following questions: 1. How was water accessed? 2. What was the water used for?	**FITNESS:** • 15 wall sits • 15 leg lifts • Balance on your left then right foot for 30 seconds • 15 toe touches **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** Read the text Indigenous Australians and the Environment. What was the purpose of this text? Complete the Vocabulary Check In worksheet with this text. Link: https://kids.britannica.com/kids/article/Indigenous-Australians-and-the-Environment/629073 **Speaking & Listening** The article above provides several examples of how Indigenous Australians use the land in a sustainable way.	**FITNESS:** • 15 wall sits • 15 leg lifts • Balance on your left then right foot for 30 seconds • 15 toe touches **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** View the video Plants and Farming. What do you notice about how First Nation people use the land? How do they change the natural environment? Link: https://education.abc.net.au/home#!/digibook/3122184/chapter/8 In the end, Bruce Pascoe states that it is not 'conventional farming' but it is still farming. What do you think Bruce means by 'conventional farming'? Why isn't how our First Nation people use the land 'conventional farming'?	**FITNESS:** • 15 wall sits • 15 leg lifts • Balance on your left then right foot for 30 seconds • 15 toe touches **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** One way Australians change the natural environment is by clearing land. **Land clearing** is when humans remove native vegetation and habitats for a range of reasons. **Deforestation** is when trees in the forests are removed. Watch this video on deforestation: https://www.youtube.com/watch?v=Ic-J6hcSKa8 *What is deforestation and why do humans do it?* *What impact does this have on the environment?*	**FITNESS:** • 15 wall sits • 15 leg lifts • Balance on your left then right foot for 30 seconds • 15 toe touches **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** View the video What happens if you cut down all the trees? In this video, we watch how trees impact our natural environment and compare two cities. One city makes minimal changes to the natural environment whilst the other city makes significant changes by clearing land & trees. Link: https://www.youtube.com/watch?v=zarll9bx6FI The changes people make to the natural environment are factors that shape places.

	3. How did the First Nation people access water differently compared to you at home? **<u>Speaking & Listening</u>** Think of 1-3 questions you could ask the Barngarla people to develop a deeper understanding of how they managed their land and resources. Video or voice record your questions on Seesaw. **<u>Writing & Representing</u>** Write to explain some advantages and disadvantages of how the Barngarla people accessed their water (compared to how you access it at home). **<u>Spelling</u>** Copy your spelling words and practise your spelling using the Look, Cover, Write & Check method from Tuesday to Friday.	Choose 2-3 examples and explain how they do this in your own words. Record and post your response onto Seesaw. **<u>Writing & Representing</u>** Think of 2-3 practices that you can adopt to improve sustainability in your local environment. For each practice, write a paragraph to explain **what it is** and **how it benefits the environment**. Here is a link to help you get started: https://www.biologicaldiversity.org/programs/population_and_sustainability/sustainability/live_more_sustainably.html You may wish to research further to assist with your writing. Remember to begin each paragraph with a topic sentence and elaborate on ideas.	**<u>Writing & Representing</u>** Learn how to write a cinquain poem by watching this video: https://www.youtube.com/watch?v=23HJpmVCB9A Write a cinquain poem about the **environment** or **sustainability**. Be creative! Be sure to read your poem after writing to ensure it adheres to the 2, 4, 6, 8, 2 syllable format. Example: *Nature (2)* *Now withering (4)* *Needs our help to survive (6)* *Treat with care and it will provide (8)* *Always (2)* **<u>Spelling</u>** Choose 10 words: Look up & rewrite definitions using your own words. Write a detailed sentence for each word defined. Try to choose words that will extend your current vocabulary.	Read this article: https://greengarageblog.org/17-important-pros-and-cons-of-deforestation What was the purpose of this text? How do you know? **<u>Writing & Representing</u>** Write a persuasive text in response to the prompt: *Does deforestation benefit society and the environment?* <u>Complete self-reflection below before submitting work.</u> **Learning Intention:** Write to express an opinion backed by evidence. **Success Criteria:** ● Plan key ideas using examples from research ● Include an introduction, body paragraphs and a conclusion. ● Use topic sentences and elaborate on ideas. ● Maintain a passive third-person voice (extension)	Thinking about your local environment, what changes have been made to the natural environment? What is an example of the natural environment that has not been changed? **<u>Writing & Representing</u>** Design a poster to inform/persuade the general public to a specific sustainable practice (recycling, renewable energy, reducing deforestation.) **<u>Speaking and Listening</u>** <u>Thinker's Keys:</u> <u>The Disadvantages Key</u> Think of a disadvantage of the object below. Then think of a way this could be improved. Record response on Seesaw. *Object: Watering Can* (e.g. If the object was an umbrella, a disadvantage may be the possibility of getting poked by the sharp parts. An improvement could be to attach rubber to the sharp ends.)
Break	**Break**	**Break**	**Break**	**Break**	**Break**

Middle	**MATHEMATICS** Complete - Maths Mentals Log in to *Mangahigh* and complete the assigned activity. **Division** Sometimes divisions don't work out equally and have remainders. Remainders can be written as a fraction by placing the remainder over the divisor. Example: 83 divided by 5 is 16 remainder 3. It can be written as: $5\overline{)83}$ $16\frac{3}{5}$ Watch the YouTube video to help: Turning a remainder into a fraction - YouTube Complete the Division with Remainders questions. Reflection: Write 3 different division problems with a remainder of 2.	**MATHEMATICS** Complete - Maths Mentals **Averages** Averages are found by totalling the scores then dividing by the number of scores. Example: If Jane's kids were 8, 11, 14 and 19, their average age would be: • 8 + 11 + 14 + 19 = 52 • The total score, 52, would need to be divided by the number of scores, 4. • 52 divided by 4 = 13. • The average age of Jane's kids is 13. Complete the Averages of Numbers worksheet. Reflection: Write 3 different groups of numbers that have an average of 10. **Math Games** Select some games to play to improve your mathematics skills. Free Multiplication Math Games | Multiplication.com	**MATHEMATICS** Complete - Maths Mentals Log in to *Mangahigh* and complete the assigned activity. **Problem Solving** Help Sam and Tina find the secret numbers that will open the combination lock. Use the given clues to help you solve it. Hint: start with one clue and find all possible combinations. Then, you can work with those numbers. **Addition** Convert into a formal algorithm first and find the missing numbers. a. 7?61 + 93?2 = 16643 b. 902? + 7?38 = 16466 c. ?843 + 193? = 4777 d. ?532 + 47?2 = 14264 e. 90?3 + ?837 = 10860 f. 48?5 + 589? = 10727	**MATHEMATICS** Complete - Maths Mentals **Reflect, Translate, Rotate** - **Reflection** is flipping an object across a line without changing its size or shape. - **Translation** is sliding a figure in any direction without changing its size, shape or orientation. - **Rotation** is rotating an object about a fixed point without changing its size or shape. Use the following website to help you understand these concepts further. There is also a video at the end of the website. **Reflection, Rotation, and Translation - 3rd Grade Math - Class Ace** It is important to remember that when we reflect, translate or rotate an object that we do not change its size or shape!! Complete the Reflect, Translate and Rotate worksheet. An example has been done for you. **Mangahigh Games** Choose a game on mangahigh to complete.	**MATHEMATICS** Log in to *Mangahigh* and complete the assigned activity. **Patterns - Reflect and Rotate** On a 2-dimensional surface, repeating an image to make a pattern is called a linear transformation. You can create a linear transformation of any type of image through several methods. Complete the 3 examples on the Creating Patterns by Reflecting and Rotating worksheet. Reflection: Now complete 3 different patterns of your own! Here are some examples to help spark some ideas.  **Times Tables** Write out your 15 and 16 times tables in your workbook.

	HSIE – GEOGRAPHY	SPORT	DRAMA	SCIENCE	SPORT
	LI: To identify why people live in certain places **SC: Present research on chosen country** 1. Liveability: What factors make a place liveable? Why do we choose to live in certain places? What influences our decisions? 2. Geoguessr / Postcards - would we live here? Why/ why not? What would people do in this environment? https://geoguessr.com/ 3. Discuss climate and population for Australia - what do we know - looking at statistics, maps and charts.	Keeping active through physical activity and sport has many benefits for the body. Go outside and play a sport of your choice for at least 30 minutes.	**Time Capsule 2021** Select 10 items in your home that you would include in your Digital Time Capsule. Photograph them and create a short video explaining why you selected the items and why you think they represent life in 2021	**Inquiry focus: What are terrestrial planets?** **Activity 2** Watch the following videos and write notes. Your notes can be written and/or drawn. Explore the Solar System: The Rocky Planets https://www.youtube.com/watch?v=joq-IUFNkrw Weather in Space (the Rocky Planets) https://www.youtube.com/watch?v=Dvhl891zGqU **Activity 3** Memorising the names of all the planets around our sun can be done easily with a mnemonic. A mnemonic is a tool that helps us remember certain facts or large amounts of information. Make up your own silly mnemonic to remember the planets in the solar system. Example: My Very Educated Mother Just Served Us Noodles  	Keeping active through physical activity and sport has many benefits for the body. Go outside and play a sport of your choice for at least 30 minutes.

Break	Break	Break	Break	Break	Break
Afternoon	**VISUAL ARTS** **Activity:** **Make paper lantern - paper crafts** This is an easy to make paper lantern. It's best to decorate your home with these paper lanterns. Watch the website below: https://www.youtube.com/watch?v=WQmOjhBZPSs If you don't have coloured paper, add colour to white paper. Be flexible and more creative by doing it! Upload your paper lantern to Seesaw.	**SCIENCE** **Inquiry focus: What are terrestrial planets?** **Activity 1** Visit the website: https://solarsystem.nasa.gov/planets/overview/ Explore the website by clicking on planets and locating information under the tabs. Compare the four terrestrial planets by completing the table (refer to the worksheet).	**HSIE – GEOGRAPHY** **LI: To identify why people live in certain places** **SC: Present research on chosen country** **Research Task-** Students choose a country of their choice and research their chosen country. Information to be included in the research project are: Introduction of their Country, map and flag, population, main imports and exports, Landmarks- Natural and Built, Leader of the country, capital,history, culture, interesting facts, create a photo collage and add your reference list. **Students can use Powerpoint or Google slides or Microsoft word or hand write it.** **This task is to be completed by the end of week 8**	**DANCE** **ZUMBA KIDS - BLACK PINK - How You Like That' - YouTube** **20 Min Beginner Dance Workout - Hustle, Salsa, Merengue, Cha Cha, Rumba, Samba, Jive | Follow Along - YouTube** **Film yourself or describe your experience.**	**PERSONAL DEVELOPMENT/HEALTH** **Food Standards** Click on this link and read the information: **https://www.foodstandards.gov.au/about/Pages/default.aspx** What does FSANZ stand for? In dot points, list what FSANZ are responsible for. Record the history of FSANZ in years beginning in 1995. The link is on the FSANZ page. Watch the video on the page - 'Who we are and what we do'. Record any interesting information as dot points. Where are FSANZ offices located? What is the FSANZ vision? FSANZ is governed by a board. What does this mean? Research the following words and record the meaning of each: • Processing aides • Additives • Recall • Food incidents • Food regulator

Week 7 Spelling

1. termite
2. tumbler
3. astray
4. beetroot
5. devoid
6. equality
7. falsify
8. fossick
9. hypnosis
10. intestine
11. kombucha
12. literacy
13. ludicrous
14. megapixel
15. missionary
16. dysfunctional
17. enchilada
18. gnocchi
19. idiosyncratic
20. irrefutable

Monday

1. 80 + 64 = _____

2. 43 - 40 = _____

3. 99 ÷ 11 = _____

4. 9 x 12 = _____

5. 1 x 4 = _____

6. Round 94722 to the nearest ten. _____

7. Round 47235 to the nearest hundred. _____

8. Complete this counting pattern:
25, 36, 47, 58, _____, _____, _____

9. Complete this counting pattern:
13, 15, 17, 19, _____, _____, _____

10. What is the sum of 21, 74 and 95? _____

11. If 8 metres costs $48, how much would 40 metres cost?

12. 10 cents + $1.00 + 50 cents = _____

13. What is 1/6 of 48? _____

14. What is 1/3 of 15? _____

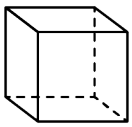
15. Write these decimals in ascending order: 0.87, 0.99, 0.21, 0.20 _____

16. Write these decimals in descending order:
0.36, 0.46, 0.44, 0.14 _____

17. 5 hours = _____ minutes

18. The length of a square's sides are 5cm. What is its area? _____

19. How many vertices does a cube have?



20. Imagine these stars are in a bag. What is the probability of pulling out a black star? _____

Tuesday

1. 27 + 34 = _____

2. 30 - 10 = _____

3. 2 x 6 = _____

4. 33 ÷ 11 = _____

5. 70 ÷ 7 = _____

6. Round 42893 to the nearest thousand. _____

7. Write these numbers in descending order:
97347, 91582, 70590, 18720, 14753, 13778.
_____

8. Complete this counting pattern:
52, 54, 56, 58, _____, _____, _____

9. Complete this counting pattern:
63, 74, 85, 96, _____, _____, _____

10. What is the sum of 86, 86 and 93? _____

11. Share $84 between 12 children. _____

12. What is the price after taking 50% off $11?
_____

13. What is 1/6 of 42? _____

14. What is 1/2 of 30? _____

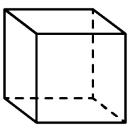
15. Write these decimals in ascending order: 0.94, 0.86, 0.11, 0.70 _____

16. Write these decimals in descending order:
0.29, 0.85, 0.49, 0.41 _____

17. How many minutes from 8 am to 12 pm? _____

18. The length of a rectangle's sides are 8cm and 3cm. What is its area? _____

19. How many faces does a cube have? _____



20. Imagine these stars are in a bag. What is the probability of pulling out a white star? _____

Wednesday

1. 95 - 72 = _____

2. 84 + 75 = _____

3. 15 ÷ 5 = _____

4. 5 x 7 = _____

5. 4 x 6 = _____

6. Round 40270 to the nearest hundred. _____

7. Write the smallest number you can using: 6, 7, 2, 5, 2, 4. _____

8. Complete this counting pattern:
89, 96, 103, 110, _____, _____, _____

9. Complete this counting pattern:
67, 79, 91, 103, _____, _____, _____

10. What is the sum of 64, 63 and 31? _____

11. How much is 4m at $11 per metre? _____

12. $2.00 + $1.00 + $2.00 = _____

13. What is 1/3 of 30? _____

14. What is 1/4 of 24? _____

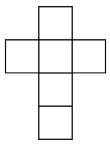
15. Write these decimals in descending order:
0.89, 0.93, 0.70, 0.81 _____

16. Write these decimals in ascending order: 0.69, 0.35, 0.95, 0.59 _____

17. What digital time does the clock show? _____

18. The length of a rectangle's sides are 6cm and 2cm. What is its area? _____

19. What is the name of the 3D object this net forms?
_____



20. Which star has the lowest chance of being selected? Black or white? _____

Thursday

1. 51 - 26 = _____

2. 24 + 97 = _____

3. 18 ÷ 9 = _____

4. 4 x 7 = _____

5. 9 x 9 = _____

6. Round 99313 to the nearest hundred. _____

7. Write 33460 in words:
_____

8. Complete this counting pattern:
41, 53, 65, 77, _____, _____, _____

9. Complete this counting pattern:
31, 40, 49, 58, _____, _____, _____

10. What is the difference between 95 and 77?
_____

11. Share $60 between 5 children. _____

12. What is the price after taking 50% off $89?
_____

13. What is 1/5 of 10? _____

14. What is 1/2 of 548? _____

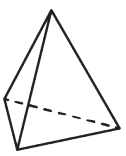
15. Write these decimals in descending order:
0.41, 0.62, 0.77, 0.40 _____

16. Write these decimals in ascending order: 0.80, 0.83, 0.15, 0.98 _____

17. How many minutes from 9 am to 10 pm? _____

18. The length of a rectangle's sides are 5cm and 8cm. What is its area? _____

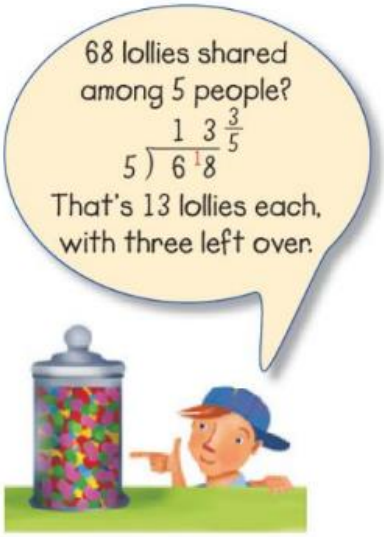
19. How many edges does a triangle-based pyramid have?



20. Imagine these stars are in a bag. What is the probability of pulling out a black star? _____

Monday Mathematics

Division with Remainders



a	$3\overline{)43}$	**b**	$4\overline{)53}$	**c**	$4\overline{)65}$	**d**	$5\overline{)78}$
e	$4\overline{)57}$	**f**	$3\overline{)47}$	**g**	$6\overline{)83}$	**h**	$6\overline{)92}$
i	$5\overline{)67}$	**j**	$5\overline{)72}$	**k**	$6\overline{)85}$	**l**	$7\overline{)99}$
m	$6\overline{)73}$	**n**	$6\overline{)79}$	**o**	$5\overline{)92}$	**p**	$4\overline{)97}$

Tuesday Mathematics

Averages of Numbers

	Numbers	Total of scores	Number of scores	Average
a	4, 5, 6, 7, 8	30	5	6
b	8, 10, 12, 14, 16			
c	7, 9, 13, 11, 5			
d	18, 6, 9, 15, 12			
e	30, 10, 15, 25			
f	40, 36, 32			
g	12, 15, 18, 21, 24, 27, 30			

a What was the average time taken to run a race if Ryan took 11 seconds, Brooke took 9 seconds, Conrad took 10 seconds and Marcel 14 seconds?

b Four types of gifts were for sale at the Mother's Day stall, for $4, $6, $10 and $12. What was the average price of the gifts?

c There are five children in the Wong family. Work out the average age of the children if they are 15, 13, 13, 9 and 5.

d The temperature in our classroom at 10:00 am, Monday to Friday, last week, was 21°C, 22°C, 23°C, 20°C and 24°C. Work out the average daily temperature for that week.

Vocabulary Check-in	
1. Predict vocabulary you think will be in this text. Use your background knowledge to help.	
2. Read the whole text, including headings, sub-headings and images.	
3. Re-read text and highlight any words that are **repeated.**	
4. Re-read text and highlight 6-8 words you think might be important to understand in this text – it might be a technical term or an unfamiliar word.	
5. Add a potential synonym above the unfamiliar words	
6. Discuss with a family member the unfamiliar word and your synonym swap. Is there a more suitable option? Is the meaning maintained?	
7. Use a thesaurus and dictionary to help. Add to word wall or on sticky notes to use again!	

Science Worksheet

Activity 1

Compare the four terrestrial planets by completing the table.

	Mercury	Venus	Earth	Mars
Name origin				
Average distance from the sun				
Circumference at equator				
Satellites				
Atmosphere				
Physical features (Surface)				
Space exploration				
Interesting facts (two or more examples)				

Wednesday Mathematics

Problem Solving

The lost treasure

Investigation 12

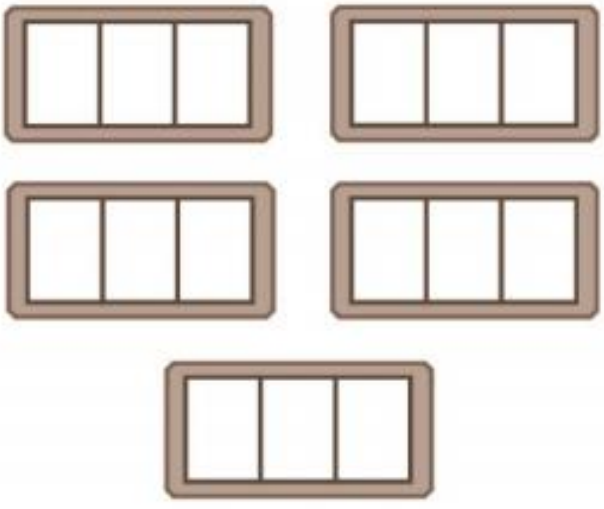
Sam and Tim have an old pirate's map of Jolly Roger Island. They have used the map to find a treasure chest buried in the sand dunes, but the chest has a large rusty combination lock and Sam and Tim cannot open it.

Help Sam and Tim find the secret numbers that will open the combination lock.

Task:

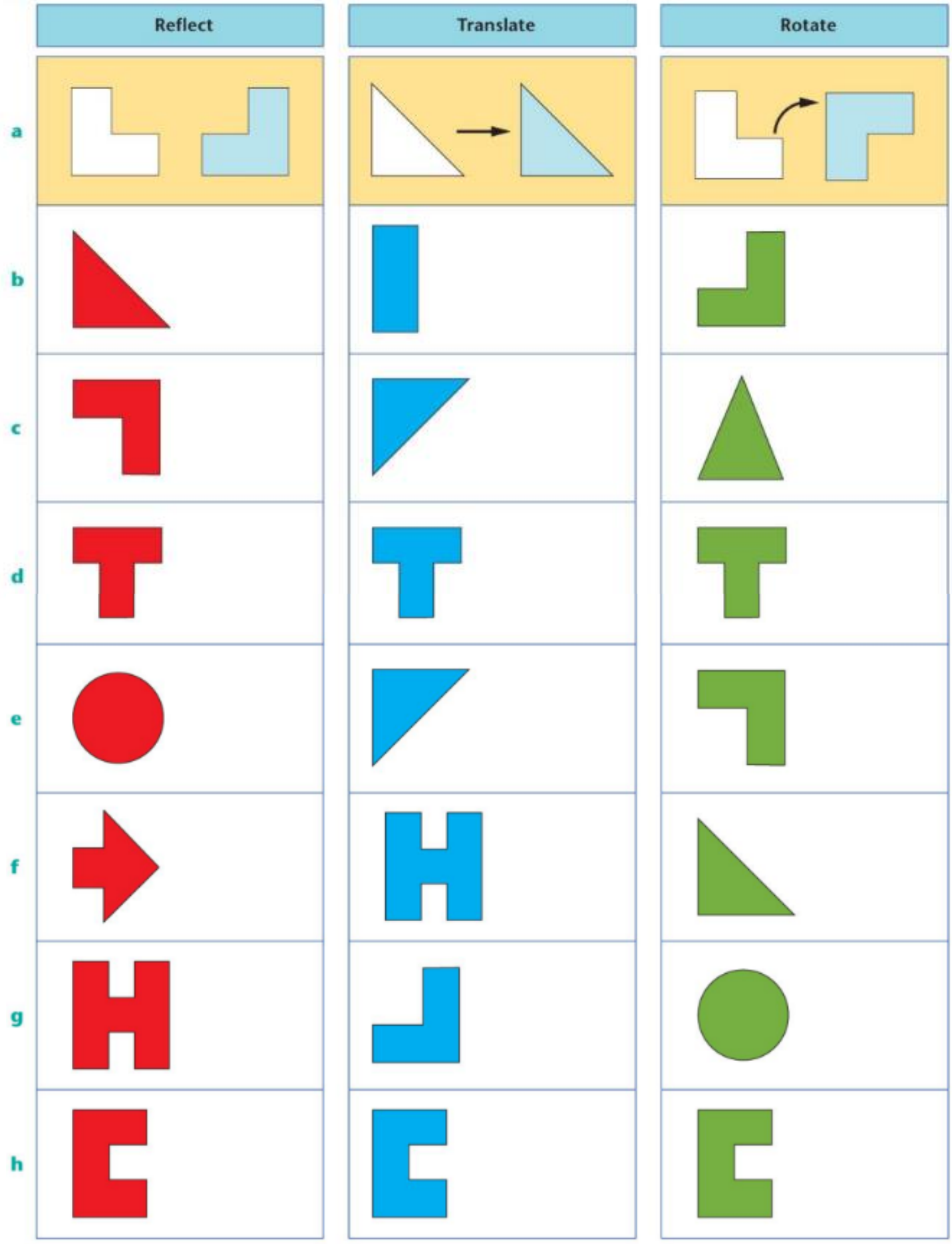
Use the following clues to find the five secret numbers and write them below. One of the secret numbers will open the lock.

- The secret numbers are all even.
- The secret numbers are all divisible by 9.
- The secret numbers are all divisible by 4.
- The secret numbers fall between 300 and 480.



Thursday Mathematics

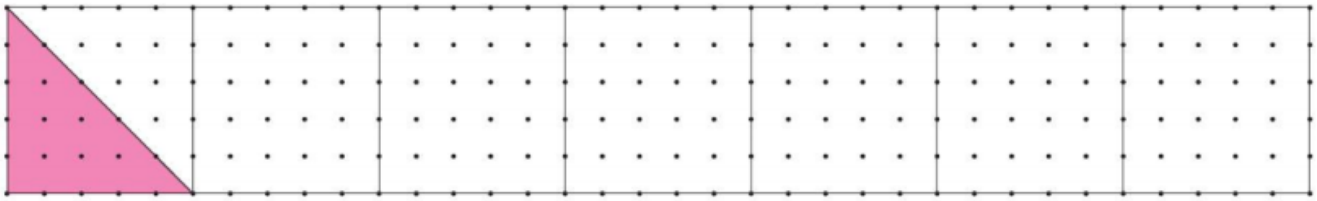
Reflect, Translate and Rotate



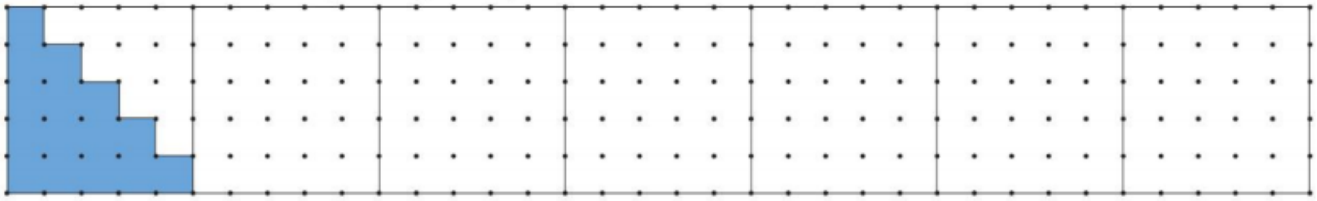
Friday Mathematics

Creating Patterns by Reflecting and Rotating

a Reflect



b Rotate 90° in each square. ($\frac{1}{4}$ turn)



15 Follow the instructions to make a pattern.

reflect | rotate 90° | reflect | rotate 90° | reflect | rotate 90°