Cooerwull Public School

Stage 2 Home Learning Pack

Term 2 Week 4

Colour in the turtle from Nim's Island

Name: _______________________

Class: ________________________
<table>
<thead>
<tr>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
</tr>
</thead>
</table>
| **Language Conventions**  
Adverbs - words that describe verbs or adjectives  
[https://www.youtube.com/watch?v=QOOG4mUuys6](https://www.youtube.com/watch?v=QOOG4mUuys6)  
Write the definition of an adverb into your exercise book | **Language Conventions**  
Adverbs  
In your exercise book list 5 adverbs to describe how you can run (eg swiftly, slowly) | **Language Conventions**  
Drawing adverbs  
In your exercise book draw a sea turtle on a beach. Now list 3 adverbs to describe how it is crawling. | **Language Conventions**  
Using adverbs in a sentence  
In your exercise book write a sentence about a sea turtle in the ocean and circle the adverbs | **Writer's Workshop**  
Text type – Information Report  
Topic - Life Cycle of a Sea Turtle  
Planning - writing research sheet  
1. Research Sea Turtle  
2. Fill in the Research sheet | **Writer's Workshop**  
Text type – Information Report  
Topic - Life Cycle of a Sea Turtle  
Writing your report – in exercise book  
1. Reread yesterday's work  
2. Write a paragraph for the subheading Nesting  
3. Write a paragraph for the subheading Incubation of Eggs | **Writer's Workshop**  
Text type – Information Report  
Topic - Life Cycle of a Sea Turtle  
Writing your story – in exercise book  
1. Reread yesterday's work  
2. Write a paragraph for the subheading Hatching  
3. Write a paragraph for the subheading Migration | **Writer's Workshop**  
Write a letter – to an elderly person that lives in a Lithgow Aged Care Facility or a family member  
* Return letters on your assigned school day | **Word Work**  
Read and write out your spelling words onto the spelling sheet  
Complete spelling Find-A-Word | **Word Work**  
Read and write out your spelling words onto the spelling sheet  
Spelling sound – 'ea' as in easy  
[https://www.youtube.com/watch?v=14tTe5qRm1M](https://www.youtube.com/watch?v=14tTe5qRm1M)  
Write words with the 'ea' sound in them into your exercise book | **Word Work**  
Read and write out your spelling words onto the spelling sheet  
Spelling Rule When one syllable words ends with one vowel followed by a consonant then double the consonant before adding the suffix  
[https://www.youtube.com/watch?v=D701UWMUxWI](https://www.youtube.com/watch?v=D701UWMUxWI)  
In your exercise book add the suffix 'ing' to the following words – hop, run, swim (Don't forget to double the last letter before adding 'ing!') | **Word Work - REVIEW**  
Spelling Test – At the back of your exercise book ask someone to test you on your words.  
Write out any words you got incorrect 5 times  
Spelling game - Studyladder or make your own spelling memory cards | **Reading & Comprehension**  
Use a book you own or one from the epic! website  
*Read to someone for 15 minutes  
*Ask each other questions and predict what might happen next  
*Write About Reading – in your exercise book write 4 or more sentences about what you read today  
* Studyladder reading activity | **Reading & Comprehension**  
Listen to reading “NIM’S ISLAND”  
YouTube link - Chapter 6  
[https://www.youtube.com/watch?v=S7w50z2xNAl](https://www.youtube.com/watch?v=S7w50z2xNAl)  
*Read to someone for 15 minutes  
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YouTube link - Chapter 6  
[https://www.youtube.com/watch?v=TRxG42uQ9rU](https://www.youtube.com/watch?v=TRxG42uQ9rU)  
In your exercise book answer the following questions:  
1. What was Chica’s favourite game?  
2. What did Nim learn from the coconut experiment?  
3. How did Nim start a fire in the daytime? | **Reading & Comprehension**  
Use a book you own or one from the epic! website  
*Read to someone for 15 minutes  
*Ask each other questions and predict what might happen next  
*Write About Reading – in your exercise book write 4 or more sentences about what you read today  
* Studyladder reading activity | **1st Break** |
| Handwriting | Math 1 - Number & Algebra  
* Count from 1 to 100  
* Number of the Day is 21 - the number you know about this day in your exercise book  
* Write your own times tables or 11 times tables into your exercise book  
* Complete algorithms and mental  
Today's Focus - Jump strategy  
https://www.youtube.com/watch?v=MUe3Hjw1KBM  
Year 3: Subtraction counting back sheet  
Year 4: Start Addition - jump strategy sheet  
* Maths Games - Studyladder, Prodigy or board game  
* Maths - Geometry  
Today's focus - Parallel and Perpendicular lines  
https://www.youtube.com/watch?v=0Q5Aq0I484s  
Year 3 & 4: Parallel and perpendicular lines sheet  
Maths - Measurement  
Today's Focus - Measurement conversions for volume (Eg. 1000 mL = 1 L)  
https://www.youtube.com/watch?v=UrWmPchTv8  
Year 3: Litres sheet  
Year 4: Convert between L and mL sheet  
Maths - Working Mathematically (WM)  
Complete the challenge question on Wednesday's WM sheet  
Year 3 & 4: Hexagonal Numbers sheet  
Read to Sell - free choice/epic!  
Science - Life cycles of living things  
* Conduct an investigation into the life cycle of a plant  
* How Does A Seed Become A Plant?  
Watch: https://www.youtube.com/watch?v=KFPzu65S4Q  
Complete lifecycle of a plant sheets  
Read to Sell - free choice/epic!  
Art with Mrs LIA  
See attached art notes  
Technology - your choice  
* Coding program such as Kodable  
* Research our science topic  
* "Living World"  
* Studyladder  
* Prodigy  
* Publish a story or report  
* Create an iMovie  
Remember to always be safe online and to report any cyberbullying issues to trusted adults  
Read to Sell - free choice/epic!  
Sport - Hopping tag - Students form groups of approximately ten which includes two to three taggers (each wearing a braid per group). Taggers hop to tag other students who are also hopping within the designated area. When a student is tagged, the tagger gives their braid to that person and they swap roles. Students should think about how they could work with other taggers to tag the hoppers and what strategies they could use as a hopper to evade the taggers.
Life Cycle of A Sea Turtle

The sea turtle life cycle starts when a female lays its eggs on a nesting beach, usually in the tropics. From six weeks to two months later, a tiny hatchling makes its way to the surface of the sand and heads to the water, dodging every predator imaginable.

WHAT IS THE SEA TURTLE LIFE CYCLE?

- Baby turtles (or hatchlings) start out as eggs that are laid in nests on beaches around the world. Once ready to hatch, they break out of the egg with an egg tooth (called a “caruncle”) and move slowly up the sand until they get to the surface and then head to the water.
- As young (or juvenile) turtles, they head out to sea. From there, in many cases, we don’t know where they go (that’s why we call them “the lost years.”) Some turtles head out a large areas with seaweed known as sargassum, where they feed and grow.
- Once they are fully grown, they head back to where they were born to mate. Adult females will mate with multiple males and then when ready, the climb up onto the nesting beach to lay their eggs, starting the cycle again.

SEA TURTLE NESTING

Sea turtles around the world nest on beaches in warmer places (tropical and sub-tropical beaches.) The female goes ashore, digs a body pit then and a nest (or egg chamber), lays the eggs, and finally covers up the nest. After that, they will camouflage the nest, covering a big area with sand, to hide the nest, and then head to the water. About six or seven weeks later, the hatchlings will emerge and then head to the water.

"THE LOST YEARS"

From the time the hatchlings take their first swim until they return to coastal waters to forage for food as juveniles may be as long as a decade. This period of time is often referred to as the "lost years" since following sea
turtles movements during this phase is difficult and their whereabouts are often unknown.

Following the "lost years", when they have grown to approximately the size of a dinner plate, their open ocean phase comes to an end and they return to coastal waters where they forage and continue to mature. During this time, these reptiles are highly mobile, foraging over large areas of ocean.

ADULTHOOD

Ten to fifty years after hatching, adult sea turtles reach sexual maturity and are able to mate. Once they reach sexual maturity they will migrate to beaches around the world to nest. Only females will come ashore to lay eggs, generally in the area where they were born. Most species will nest several times during a nesting season every 2-4 years over the course of their lifetime.

It is not known exactly how long sea turtles live in the wild, but scientists think their life span may be as long as a century. Unfortunately though, turtles face a multitude of threats from birds, animals and human activity which causes pollution and destruction of habitat.
<table>
<thead>
<tr>
<th>Stage</th>
<th>Jot key research words</th>
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<tbody>
<tr>
<td>Draw</td>
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<td>Nesting</td>
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<td>Incubation of Eggs</td>
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<td>Hatching</td>
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Stage 2 Spelling Term 2 Week 4
Even Year

A W A K E
C H E E R Y
K N O T
P L E A
R O T T E N

A W O K E
E A S Y
K N U C K L E
R A D I O
S Q U E A K

B I S C U I T
I R O N
L E A V E
R E F E R E E
S Y M B O L

B R O K E
K N E E
L E A V E
R E P L Y
W E A V E

C H A N G E
K N O C K
M I G H T
R I G H T
W O N D E R
'ea' as in leaf

Read the words.
Trace over the 'ea' sound.

sea  leak  beach

beak  read  meat

clean  stream

Put in the missing 'ea' sound.
Match the word to the picture.

s___ t

l___ f

t___

p___ ch

p___ s___

Read the story.
Circle all the 'ea' sounds.

Sammy Seal lived in the sea. He sat on the clean beach and ate a pea and a peach.

Sammy Seal loved the peach.

Answer these questions.

Who lived by the sea?

Where did he sit?

What did Sammy Seal eat?

Do you think he enjoyed the peach? 

Why?

Read and draw.

Sammy Seal sitting on the beach eating a peach.
**Tuesday**

1. How many sides does a circle have?
2. How many wheels does a bike have?
3. What is the number in the ones place in 28?
4. Write the number showing 5. 3. 2 + 5 = 8
5. Complete the counting pattern: 6, 10, 14, __. 5. 9, 13, __. 9. 11, __
6. Add 5 and 7 together: 12
7. L. If there were 15 fans at a baseball game, 7 were wearing green. How many were wearing green? How many were wearing silver and the rest were wearing green? How many were wearing green?
8. 5 cars + $100 = 85 cents. 9. At 4 o'clock, the hour hand points to 4. 10. How many sides does a square have?
9. At 10 o'clock, the hour hand points to 10.
10. How many sides does a rectangle have?

<table>
<thead>
<tr>
<th>Addition</th>
<th>Subtraction</th>
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<tbody>
<tr>
<td>9 + 0 = 9</td>
<td>19 - 10 = 9</td>
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<td>9 + 1 = 10</td>
<td>19 - 9 = 10</td>
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<td>9 + 2 = 11</td>
<td>19 - 8 = 11</td>
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<td>9 + 3 = 12</td>
<td>19 - 7 = 12</td>
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<tr>
<td>9 + 4 = 13</td>
<td>19 - 6 = 13</td>
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<tr>
<td>9 + 5 = 14</td>
<td>19 - 5 = 14</td>
</tr>
<tr>
<td>9 + 6 = 15</td>
<td>19 - 4 = 15</td>
</tr>
<tr>
<td>9 + 7 = 16</td>
<td>19 - 3 = 16</td>
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<tr>
<td>9 + 8 = 17</td>
<td>19 - 2 = 17</td>
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<tr>
<td>9 + 9 = 18</td>
<td>19 - 1 = 18</td>
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</table>

**Monday**

1. Write the number showing 5. 3. 2 + 5 = 8
2. 2 + 5 = 7
3. 1 + 1 = 2

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<td>9 + 0 = 9</td>
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<td>19 - 7 = 12</td>
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<tr>
<td>9 + 4 = 13</td>
<td>19 - 6 = 13</td>
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<tr>
<td>9 + 5 = 14</td>
<td>19 - 5 = 14</td>
</tr>
<tr>
<td>9 + 6 = 15</td>
<td>19 - 4 = 15</td>
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<tr>
<td>9 + 7 = 16</td>
<td>19 - 3 = 16</td>
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<tr>
<td>9 + 8 = 17</td>
<td>19 - 2 = 17</td>
</tr>
<tr>
<td>9 + 9 = 18</td>
<td>19 - 1 = 18</td>
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</tbody>
</table>
Wednesday
1. $3 - 2 = \underline{\hspace{2cm}}$
2. $1 + 9 = \underline{\hspace{2cm}}$
3. $4 + 6 = \underline{\hspace{2cm}}$
4. Write the number showing 8 hundreds, 6 tens and 3 ones. ________
5. Complete this counting pattern:
   5, 10, 15, 20, ______, ______, ______
6. Natalie has 5 balloons. Max has 14 balloons. How many more balloons does Max have? ______
7. Sophia had 6 kites and was given 1 more kite. How many kites does Sophia now have? ______
8. What is the value of this coin? ______
9. At 1 o'clock, the hour hand points to ______.
10. Circle the corners on this shape.

Thursday
1. $3 + 5 = \underline{\hspace{2cm}}$
2. $3 - 2 = \underline{\hspace{2cm}}$
3. $8 + 6 = \underline{\hspace{2cm}}$
4. Write these numbers in order from largest to smallest: 82, 5, 0, 70.
   ______
5. Complete this counting pattern:
   2, 4, 6, 8, ______, ______
6. If there were 12 fans at a American football game, 7 were wearing light blue and the rest were wearing silver, how many were wearing silver? ______
7. Cadence has 8 mangoes. If Cadence buys 8 more mangoes, how many mangoes does she have altogether? ______
8. Draw a line to split this shape in half.
   ______
9. At 7 o'clock, the hour hand points to ______.
10. What is the name of this shape? ______

Friday
1. $5 - 2 = \underline{\hspace{2cm}}$
2. $8 + 0 = \underline{\hspace{2cm}}$
3. $3 + 2 = \underline{\hspace{2cm}}$
4. What number is made up of 8 tens and 7 ones? ______
5. Complete this counting pattern:
   6, 11, 16, 21, ______, ______
6. Declan has 6 crayons. Eliana has 12 crayons. How many more crayons does Eliana have? ______
7. Subtract 2 from 4: ______
8. Colour in half of this shape: ______
9. At 5 o'clock, the hour hand points to ______
10. Circle the corners on this shape.
Monday:

3 + 3 = 6
2 + 1 = 3
1 + 1 = 2

Tuesday:

3 + 3 = 6
2 + 1 = 3
1 + 1 = 2

Problem 1:
How many days does a term get across?

Problem 2:
A 4 & 8 o'clock. How many points to

Problem 3:
8. Colour in a quarter of this shape

Problem 4:
7. Take 3 away from it.

Problem 5:
5. Complete the counting pattern 1, 3, 7, 11, ??

Problem 6:
4. Write the digits of the number in the hundreds

Problem 7:
Writing this shape pattern

Problem 8:
5. 100 + 100 =

Problem 9:
7. What does 15 plus 8 equal?

Problem 10:
6. 8. 10. 12.

Problem 11:
5. Complete the counting pattern.

Problem 12:
4. Write 508 in words.

Problem 13:
3. 3 - 3 =
2. 7 - 1 =
1. 1 + 1 =

Addition:

- 20 + 62 + 80 + 68 + 57 + 39 + 79 + 23 + 28 + 57
- 8 + 27 + 84 + 77 + 9 + 83 + 73 + 40
- 182

Subtraction:

- 36 - 10 - 62 - 35 - 23
- 96 - 67 - 62 - 31
- 96 - 86 - 38

Weekly Questions

Wednesday
Wednesday

1. \(8 - 2 = \) __
2. \(3 + 11 = \) __
3. \(31 - 1 = \) __

4. Write the number showing 5 tens and 6 ones.
   __

5. Complete this counting pattern:
   10, 20, 30, 40, ___, ___, ___, ___, ___, ___

6. What does 4 plus 9 equal? ___

7. In a group of 27 students, 12 would like to play football and the rest want to play badminton. How many want to play badminton? ___

8. Colour in a quarter of these circles.

9. How many minutes in an hour? ___

10. How many corners does a pentagon have?

Thursday

1. \(6 + 1 = \) __
2. \(7 - 2 = \) __
3. \(7 - 3 = \) __

4. Write the numeral for three hundred and thirty-seven:
   __

5. Complete this counting pattern:
   8, 13, 18, 23, ___, ___, ___, ___, ___, ___

6. David has 5 mangoes. Isaiah has 13 pears. Camden has 1 avocado. How many pieces of fruit do they have altogether? ___

7. Chloe had 6 kites and was given 11 more kites. How many kites does Chloe now have? ___

8. Colour in half of this shape:

9. 1 minute = ___ seconds

10. How many corners does a pentagon have?

Friday

1. \(6 - 1 = \) __
2. \(17 + 11 = \) __
3. \(3 - 1 = \) __

6. Write 453 in words: ____________________

5. Complete this counting pattern:
   41, 42, 43, 44, ___, ___, ___, ___, ___, ___

6. What is the sum of 13 and 11? ___

7. What does 12 plus 3 equal? ___

8. Colour in a quarter of these circles.

9. How many minutes in an hour? ___

10. How many sides does a pentagon have?
"Monday"

"Tuesday"

"Wednesday"

"Thursday"

"Friday"

"Saturday"

"Sunday"

"Addition"

"Subtraction"

"Addition"

"Subtraction"

"Addition"

"Subtraction"

"Addition"

"Subtraction"

"Addition"

"Subtraction"
**Wednesday**

1. \(7 + 38 = \) ______
2. \(40 - 1 = \) ______
3. \(83 + 18 = \) ______
4. \(9 \times 3 = \) ______
5. \(10 \times 10 = \) ______

6. Is 4415 an odd or even number? ______

7. Complete this counting pattern: 52, 62, 72, 82, ______, ______, ______

8. Add 54 and 40 together: ______

9. Share 22 bananas between 2 children: ______

10. 5 cents + $1.00 + 10 cents = ______

11. Colour in a quarter of these triangles.

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\begin{array}{ccc}
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\text{△} & \text{△} & \text{△} \\
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12. Colour in an eighth of these triangles.

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13. A fortnight = ______ days

14. How many faces does a square-based pyramid have? ______

15. Which star has the highest chance of being selected? Black or white? ______

**Thursday**

1. \(3 + 55 = \) ______
2. \(37 - 7 = \) ______
3. \(28 + 88 = \) ______
4. \(55 + 5 = \) ______
5. \(75 + 5 = \) ______

6. What is the value of the number in the ones place in 171? ______

7. Complete this counting pattern: 64, 69, 74, ______, ______, ______

8. Take 41 away from 42: ______

9. Share 83 between 3 children: ______

10. 20 cents + 5 cents = ______

11. Colour in a third of these circles.

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12. Colour in a quarter of these triangles.

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13. How many days in a fortnight? ______

14. A triangle-based pyramid has ______ corners.

15. Which star has the highest chance of being selected? Black or white? ______

**Friday**

1. \(62 + 40 = \) ______
2. \(71 - 5 = \) ______
3. \(88 + 65 = \) ______
4. \(18 \div 3 = \) ______
5. \(80 \div 10 = \) ______

6. 315 is an odd number. True or false? ______

7. Complete this counting pattern: 31, 36, 41, 46, ______, ______, ______

8. What is the sum of 43 and 47? ______

9. Divide 12 by 2 ______

10. 50 cents + 5 cents = ______

11. Colour in a quarter of these circles.

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\text{●} & \text{●} & \text{●} \\
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12. Colour in a third of these stars.

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\text{☆} & \text{☆} \\
\text{☆} & \text{☆} \\
\text{☆} & \text{☆} \\
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13. How many days in a week? ______

14. A cube has ______ corners.
**Subtraction**

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<tr>
<th>1) 7564</th>
<th>2) 8614</th>
<th>3) 5991</th>
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<tbody>
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<td>3) 7840</td>
<td>4) 8659</td>
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<td>6) 7412</td>
<td>7) 2206</td>
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<td>9) 6288</td>
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**Addition**

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<tr>
<th>1) 160</th>
<th>2) 1804</th>
<th>3) 8398</th>
</tr>
</thead>
<tbody>
<tr>
<td>4) 2909</td>
<td>5) 3270</td>
<td>6) 864</td>
</tr>
<tr>
<td>7) 6005</td>
<td>8) 3467</td>
<td>9) 3131</td>
</tr>
<tr>
<td>10) 2086</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Subtraction**

<table>
<thead>
<tr>
<th>1) 8418</th>
<th>2) 339</th>
<th>3) 8999</th>
</tr>
</thead>
<tbody>
<tr>
<td>4) 8812</td>
<td>5) 8857</td>
<td>6) 600</td>
</tr>
<tr>
<td>7) 7561</td>
<td>8) 7909</td>
<td>9) 846</td>
</tr>
<tr>
<td>10) 8168</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Addition**

<table>
<thead>
<tr>
<th>1) 237</th>
<th>2) 4931</th>
<th>3) 536</th>
</tr>
</thead>
<tbody>
<tr>
<td>4) 7632</td>
<td>5) 248</td>
<td>6) 536</td>
</tr>
<tr>
<td>7) 1334</td>
<td>8) 2427</td>
<td>9) 845</td>
</tr>
<tr>
<td>10) 7561</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Monday**

1. 16 - 7 =
2. 48 + 87 =
3. 88 - 3 =
4. 12 x 2 =
5. 10 + 10 =
6. Write the smallest number you can using: 2, 7, 7, 4.
7. Complete this counting pattern: 36, 40, 44, 48, ........
8. In a group of 12 students, 5 would like to play volleyball and the rest want to play field hockey. How many want to play field hockey?
10. 50 cents + 10 cents + 5 cents =
11. 50 cents + $2.00 + 20 cents =
12. How many days is 192 hours? 
13. 300 minutes = ........ hours
14. A triangle-based pyramid has ........ corners.
15. Which star has the lowest chance of being selected? Black or white?

**Tuesday**

1. $1.60 +$2.00 + 5 cents =
2. 48 + 87 =
3. 88 - 3 =
4. 10 x 9 =
5. 7 + 7 =
6. Write 528 in words: ........
7. Complete this counting pattern: 36, 40, 44, 48, ........
8. In a group of 12 students, 5 would like to play volleyball and the rest want to play field hockey. How many want to play field hockey?
10. $1.00 +$2.00 + 5 cents =
11. $1.00 +$2.00 + 10 cents =
12. How many days is 72 hours? 
13. How many weeks is 35 days? 
14. What is the name of this 3D object?
15. Which circle has the highest chance of being selected? Black or white?
**Wednesday**

1. $16 - 5 =$
2. $70 + 9 =$
3. $44 + 76 =$
4. $42 + 7 =$
5. $3 \times 9 =$

6. Write these numbers in ascending order: $360, 884, 7, 2778, 896, 826, 407$.

7. Complete this counting pattern: $47, 55, 63, 71, \ldots$

8. If 197 cars are parked, 75 are yellow and the rest are green, how many are green?

9. What is the product of 2 and 7?

10. $5 \text{ cents} + 20 \text{ cents} + 100 \text{ cents} =$

11. $200 \text{ cents} + 20 \text{ cents} + 5 \text{ cents} =$

12. How many hours is 240 minutes?

13. How many minutes is 60 seconds?

14. A rectangular prism has ___ corners.

15. Which star has the highest chance of being selected? Black or white?

**Thursday**

1. $15 - 1 =$
2. $88 + 23 =$
3. $45 - 4 =$
4. $43 + 6 =$
5. $1 \times 8 =$

6. $8855$ is an odd number. True or false?

7. Complete this counting pattern: $27, 35, 43, 51, \ldots$

8. In a group of 108 students, 18 would like to play baseball and the rest want to play softball. How many want to play softball?


10. 5 cents + 10 cents + $2.00 =$

11. $1.00 + 20 \text{ cents} + 5 \text{ cents} =$

12. How many hours from 9 am to 6 pm?

13. How many weeks is 52 days?

14. What is the name of this 3D object?

15. Which circle has the lowest chance of being selected? Black or white?

---

**Friday**

1. $63 + 71 =$
2. $62 - 1 =$
3. $24 + 71 =$
4. $28 \div 7 =$
5. $5.8 \times 5 =$

6. $8248$ is an odd number. True or false?

7. Complete this counting pattern: $10, 14, 18, 22, \ldots$

8. Evan has 41 match sticks. Sarah has 121 match sticks. How many more match sticks does Sarah have?

9. What is the product of 5 and 0?

10. $1.00 + 10 \text{ cents} + 50 \text{ cents} =$

11. 5 cents + 50 cents + 5 cents =

12. 4 hours = ___ minutes

13. How many days is 216 hours?

14. How many faces does a rectangular prism have?

15. Which circle has the lowest chance of being selected? Black or white?
Jump Strategy

1. Use the jump strategy to solve the problems.

   a) 42 + 33

   (Diagram showing jumps to reach 42)

   b) 55 + 44

   (Diagram showing jumps to reach 55)

   c) 66 + 83

   (Diagram showing jumps to reach 66)

   d) 117 + 74

   (Diagram showing jumps to reach 117)

   e) 92 + 341

   (Diagram showing jumps to reach 92)

2. Create your own number lines for the following word problems.

   a) There are 126 students in the school. At the start of the new term, 43 new students arrived. How many students are there now?

   b) On the farm there are 562 chickens. Over the weekend, 35 chicks hatched. Now how many chickens are on the farm?
The jump strategy is when you use a number line to jump in tens and ones to arrive at the answer.

32 - 25 = 7

Parallel, perpendicular & intersecting lines

Grade 3 Geometry Worksheet

Parallel lines do not intersect or touch each other at any point. Perpendicular lines form right angles (90°) when they intersect. Intersecting lines cross at one point.

Write "parallel", "perpendicular" or "intersecting" below each pair of lines.

Draw the following:

<table>
<thead>
<tr>
<th>Parallel lines</th>
<th>Perpendicular lines</th>
<th>Intersecting lines</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The litre

All used a plastic cup to fill coloured containers with water.

<table>
<thead>
<tr>
<th>Container</th>
<th>Number of cups needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Orange</td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td></td>
</tr>
</tbody>
</table>

1. How many cups does the green container hold?
2. Which container holds the most?
3. Which container holds the least?
4. How many cups did the orange one hold?
5. Which two held about the same?

2 Lucy used a different cup. She needed 8 cups to fill the green container.

a. Is her cup bigger or smaller than Ali's cup?
   Give a reason.

b. About how many of her cups will fill the yellow container?
   c. Is a plastic cup a good measure?

3. a. How much milk was in the carton?
   b. How much does the jug hold?

4. Fill an empty 1 litre container with water. Pour it into some empty cups. How many cups does it fill?

5. Use water and your 1 litre container to find things that hold:

<table>
<thead>
<tr>
<th>Less than 1 litre</th>
<th>about 1 litre</th>
<th>more than 1 litre</th>
</tr>
</thead>
</table>

Two-digit subtraction

1. Use a number line.
   eg. 56 - 24 = 32

2. a. 75 - 31 = __________
   b. 89 - 47 = __________
   c. 38 - 23 = __________
   d. 64 - 42 = __________
   e. 98 - 65 = __________
   f. 46 - 15 = __________
   g. 57 - 23 = __________
   h. 79 - 34 = __________

2. a. 48 - 21 = _______
   b. 66 - 36 = _______
   c. 75 - 32 = _______
   d. 99 - 61 = _______
   e. 57 - 14 = _______
   f. 83 - 70 = _______

3. Jo had 38 baby mice. She sold 15. How many did she have left?

4. Ali picked 49 apples. He gave 23 to his friend. How many did he keep?

Trial and error

Look at page 10. If you had $3, what toys would you buy?

How much change would you get?
1 Write as litres.
   2000 mL
   7000 mL
   5000 mL
   9000 mL

2 Write as millilitres.
   3 L
   6 L
   8 L
   10 L
   4 L

3 Write as litres and millilitres.
   2500 mL
   1700 mL
   6120 mL
   2 L 500 mL
   3200 mL
   5850 mL
   8225 mL

4 Which bottle holds the most?
   Which bottle holds the least?

5 How many mL in:
   1.5 L?
   7.5 L?
   2.25 L?
   4.25 L?

ACTIVITY

Make a measure.
You need an empty, large, plastic bottle, a 100 mL measure and a permanent marker pen.

Using the small measure pour 100 mL of water into the bottle.
Mark the level with the pen. Write 100 mL next to the mark.
Keep adding 100 mL at a time and mark each new level (200 mL, 300 mL etc.) until you reach 1000 mL.
Use your bottle to measure quantities up to 1 L.
LIFE CYCLE
OF A
PLANT
Life Cycle of a Plant


Teacher Note: Older children can use this opportunity to write in their own labels. For younger children cut out the labels and paste. Arrange the frogs into the correct order on your own sheet or use the template.
Activity Instructions

Read and follow these instructions carefully.

1. Colour half of all the tree shapes green.
2. Colour half of all the flower pink.
3. Colour half of all the star shapes yellow.
4. Colour half of the rainbow red, purple and blue.
5. Colour the whole mushroom red.
6. Colour the whole house roof block.
7. Colour the whole house green.
8. Colour half the sports balls blue.
9. Colour the whole cat grey.
10. Do not colour one of the pencil yellow.
11. Colour the whole baseball bat orange.
**HEXAGONAL NUMBERS**

We placed some of the counters on this grid, trying to make each line of three numbers add to the same total.

What do you think the total was? ____

Which counter needs to be changed to make every line of three add to the same total?

Your turn!

Use the counters to explore ways of making the three rows of numbers add to the same total.

What is the smallest total you can make?

What is the largest total you can make?

Record your findings on these small hexagons.

---

**HALVES AND QUARTERS OF SHAPES**

Shade in a half or a quarter of each of the shapes below.

Remember

When you halve a shape, you split it into two equal parts.

When you quarter a shape, you split it into four equal parts.
Materials Needed

- Sketchbook
- Pencil
- Rubber
- sharpener

Description of activity

1. Students look at the following environmental-installation artists for inspiration: Andy Goldsworthy, Robert Smithson, Christo and Jean Claude, Walter Mason, Alain Bernegger

2. Students consider what messages artists are conveying about society and the environment with their practice.

3. Using found objects in the playground, or backyard, students create a sculpture that reflects their ideas of nature
**Chance (A)**

1. Use a word from the box to describe the chance of each event occurring.

   possibly, probably, likely, unlikely, maybe, might, never, always, even chance, certain

<table>
<thead>
<tr>
<th>Event</th>
<th>Chance</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) I'll have a birthday next year.</td>
<td></td>
</tr>
<tr>
<td>b) My class will go to the cinema today.</td>
<td></td>
</tr>
<tr>
<td>c) I won't come to school tomorrow.</td>
<td></td>
</tr>
<tr>
<td>d) I will have homework tonight.</td>
<td></td>
</tr>
<tr>
<td>e) It will rain today.</td>
<td></td>
</tr>
<tr>
<td>f) I will go to my friend's house after school.</td>
<td></td>
</tr>
<tr>
<td>g) The principal will give each class a puppy.</td>
<td></td>
</tr>
</tbody>
</table>

2. Colour the marbles in the jar so that blue is the most likely and red is the least likely to occur.

3. List five possible combinations of t-shirts and shorts.

   1. __________________
   2. __________________
   3. __________________
   4. __________________
   5. __________________

---

**Fractions & Decimals**

Finding equivalence between fifths & tenths.

A whole can be divided into equal parts -

5 fifths and 10 tenths.

Colour one fifth of each of these shapes:

Colour half of each of these shapes:

1 whole is equal to ___ fifths.

1 whole is equal to ___ tenths.

___ tenths is the same as 1 fifth.

___ tenths is the same as 1 half.