

## SCIENCE

Animals
We have been learning about different types of animals in Term 1.
Complete the worksheet 'Animal Facts' and tick the statements that are true for each type of animal.

## Morning Fitness Activities



$\qquad$

## The Great Wise Owl

1. What is the main idea of this text?
$\qquad$
$\qquad$
$\qquad$
$\qquad$
2. What are three details that support the main idea?

Detail 1: $\qquad$
$\qquad$
Detail 2: $\qquad$
$\qquad$
Detail 3: $\qquad$
$\qquad$
3. Carefully read the text.

Underline any words which are repeated, or seem important. Write them down.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
4. Another good title for this text could be
a) My Pet Owl.
b) All about the Owl.
c) Oliver the Owl.
d) The Story of the Very Wise Owl.


## Mental Maths

## Monday

1. $8-5=$ $\qquad$
2. $3+9=$ $\qquad$
3. $5+0=$ $\qquad$
4. What number is made up of 9 hundreds, 7 tens and 2 ones? $\qquad$
5. Complete this counting pattern: 19, 29, 39, 49, $\qquad$ , $\qquad$ , $\qquad$
6. What is the sum of 19 and 9 ? $\qquad$
7. I have 4 marbles. Alice has some marbles too. Together we have 21 marbles. How many marbles does Alice have? $\qquad$
8. 5 cents $+\$ 2.00=$ $\qquad$
9. At $4 o^{\prime}$ clock, the hour hand points to
$\qquad$ .
10. How many corners does a triangle have?

| $\times 3$ |
| :---: |
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1. Shinji is 182 cm tall. Jane is

169 cm tall. If Brian is 15 cm taller than Jane, what is the combined height of all three people?

2. What is the difference

between the largest and smallest number that can be made with the digits $6,4,9,3,0,2$ ?
3. Janine wanted to buy a new laptop. The laptop costs $\$ 1299$, but has been reduced by $\$ 249$.
If Janine has \$3423 in savings, how much money will she have left after she purchases the discounted laptop?

## Maths Investigation -

## Lensth

## Which Plane Fies Best?

## The Scenario

Every year, your town holds a paper plane flying competition. Children design their own paper planes, then fly them against each other. The designer of the paper plane that flies the furthest is the winner! This year, you are finally old enough to

## The Task

Design three different paper planes to test for the paper plane flying competition.
Follow the competition rules, set out below. enter the competition. There is only one problem - you have designed three different paper planes and you can't decide which one to enter in the competition!
You have decided to test all three of your paper plane designs to see which one flies the furthest. You will accurately measure and record the distance flown by each paper plane, then use the information to make a decision about which design to enter in the competition.

## Competition Ruales



- Each paper plane must be constructed from a single piece of A4 paper.
- The exterior of the paper plane may be decorated using pencils or markers only.
- Attachments of any kind are not permitted.
- The use of tape, glue or adhesives of any kind is not permitted.
- Rips may be made in the paper plane by hand. The use of scissors is not permitted.


## The Procedure

## 1. Check your understanding of the task

Carefully read through the task and the list of competition rules. If there are any instructions that you do not understand, ask your teacher to explain them to you.

## 2. Design and construct your paper planes

Design, construct and decorate three different paper planes. Draw or take a photograph of each design to be recorded on the Designing and Constructing Worksheet. Remember to follow to competition rules throughout the design and construction process.

## 3. Make a prediction

Which paper plane design do you think will fly the furthest and why? Record and explain your ideas on the Conducting the Investigation Worksheet.

## 4. Choose a scaled measuring instrument

Decide how to best measure the distance flown by each paper plane during the test flights. Record and explain the reasons for your choice on the Conducting the Investigation Worksheet.

## 5. Conduct three test flights for each paper plane design

Test each paper plane three times. Use your chosen scaled measuring instrument to record the distance flown on each test flight, then record the distances in the table provided. Calculate the total distance flown by each paper plane by adding the three distances from each test flight together.

## 6. Make a decision

Based on the results of the investigation, decide which paper plane design to enter in the competition.

## The Materials

- Blank sheets of Mt paper
- Scaled measuring instruments ( small ruler, larye ruler, tape measure, trunille wheel)
- Colourred pencils or markers

Length Investigation - Worksheet
Name
Designing and Constructing
Design and construct three different paper planes. Give each design an interesting name. Draw a sketch or take a
photograph of each design to display in the boxes below. Write a sentence to explain the features of each design.
Design 3:




## Animal Facts

What type of animal are the statements below true for? Use ticks to show.

|  | Statement | mammal | bird | reptile | amphibians | fish |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | It is cold-blooded. |  |  |  |  |  |
| 2 | It is warm-blooded. |  |  |  |  |  |
| 3 | It has scales and fins. |  |  |  |  |  |
| 4 | It lays eggs. |  |  |  |  |  |
| 5 | It gives birth to live <br> young. |  |  |  |  |  |
| 6 | It can live on land <br> and under water. |  |  |  |  |  |
| 7 | It has webbed feet <br> and wet skin. |  |  |  |  |  |
| 8 | It has feathers and <br> wings. |  |  |  |  |  |
| 9 | It has scales and dry <br> skin. |  |  |  |  |  |
| 10 | The mother provides <br> babies with milk. |  |  |  |  |  |
| 11 | It has fur. |  |  |  |  |  |

