



ACTIVITY 1

UNDERSTANDING WHAT YOU READ

Read the content for this topic then answer the following questions to see how much you understand about what you read.

1. What inspired early humans to fly?
2. Who invented kites?
3. What did the Montgolfier brothers achieve?
4. How many years ago was the first powered, piloted flight?
5. What problem did the development of aviation in Australia solve?
6. Who invented the box kite?
7. What parts of a plane are curved on top and flat underneath?
8. Complete this statement:- The _____ the air moves the _____ the air pressure.
9. How many forces affect planes as they travel?
10. To change a planes height, direction or speed, what must occur?



Photo Tammy Lewis / The Observer



ACTIVITY 2

IN YOUR OPINION

New Runway



The construction of a second runway at the Brisbane airport was announced this year with work commencing in August.

There are many arguments for and against the proposal. Take a stance.

Write a short argument stating why the second runway should or shouldn't be built.

Some ideas are listed below to help you.

- Will solve problem of chronic flight delays plaguing the airport at present
- it will deliver a \$5 billion a year boost to the economy once it is in use
- construction will create up to 2700 jobs.
- customers to pay for infrastructure with increase in airline landing fees to fund construction
- will not be completed until 2020
- will impact on the environment and on local infrastructure
- increased air traffic noise, health and other quality of life issues for people living in area





ACTIVITY 3 IN THE NEWS

PLANE CRASH

Unfortunately in the news we read reports about plane crashes.

Read the following story and answer the five W's where, when what, who, why

PNG air crash death compounds misery

A MELBOURNE mother is reeling after suffering the loss of a second son in just 12 months, following a plane crash in Papua New Guinea.

Adam Reid, 37, was one of three passengers killed after the pilot of a Cessna 208 Caravan, flown by Tropicair, reported an engine failure on Monday. The plane later veered into a river after an attempted emergency landing. Of the 10 on board, seven escaped including the pilot.

Mr Reid, an infant and a third person perished when trapped underwater.



ACTIVITY 4 WORDS AT WORK

In Wordy News this week we defined the word THROTTLE which was used in the following way:

Driver full throttle for her Olympic campaign

The words throttle, throttled or throttling have been left out of each of the following sentences. Find out which word is missing and where it should appear in the sentence.

Easy and fun to ride - simply start it up, hop on, adjust the and off you go.

Most laptop operating systems have default power settings that extend battery life by back power consumption.

David Biggs is going the full trying to secure votes.

I was so mad at my dog for chewing up my assignment I could have him.

The pilot gave me control as the tail-wheel met the ground and I applied full and eased the stick forward.

When you press a car's accelerator, it opens the and the car goes faster.

The scarf I was wearing around me next was so tight it felt like it was me.

The imperialist nation the free trade between the two small countries.



ACTIVITY 5

CHECK IT OUT

Make a Flying Machine

With a few materials you can create a mini paper-copter that spins like a real helicopter.

However some of the words of spun out of control. Use the words in the word box below to fill in the blanks.

What You Need:

Strip of heavy paper or cardboard (3 X 25cm)

_____ clips

Markers

How to Make:

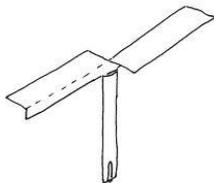
Step 1: _____ the strip of paper in half. Cut about five _____ up the centre. Fold the ends down at a slight _____.

Step 2: Push a paper _____ onto the _____, and fold the _____ out. Decorate your paper-copter with markers.

Step 3: Holding your _____ by the paper clip, _____ it into the _____ and _____ it _____.

WORD BOX

| | | | |
|------|-------|--------|-------------|
| air | angle | bottom | centimeters |
| clip | fold | paper | papercopter |
| spin | throw | watch | wings |



ACTIVITY 6

NEWS IN THE SPOTLIGHT

When writing a news report a reporter often asks those involved in the story questions about what happened etc...

- ❖ Write five questions you would ask Ryan Campbell about his world record.

The following is an article that appeared in The Barrier Mail on Saturday March 3, 1928.

- ❖ Imagine you are a radio news reporter. Read the story aloud as if you were broadcasting it over the airwaves.

BERT HINKLER

QUESTIONS IN PARLIAMENT ABOUT AERIAL MAILS

MR. BRUCE TO SEE AIRMAN

Canberra, Saturday.

In reply to questions in the House of Representatives, Mr. S. M. Bruce, the Prime Minister, said that he will have an interview with Bert Hinkler on his arrival at Canberra on the subject of establishing an aerial mail service between Australia and Great Britain. Though he had no figures to go on, he added, he could see no possibility of Australia being able to establish such a service.

The Prime Minister added that no plan for utilising the services of Bert Hinkler in the development of aviation in Australia had been submitted to the Federal Government.