

# **Paper Planes to Supersonic Aircraft**

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# Paper Planes to Supersonic Aircraft

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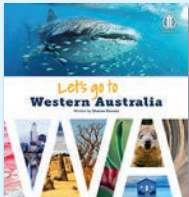
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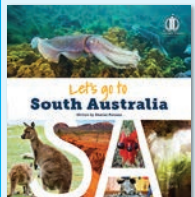
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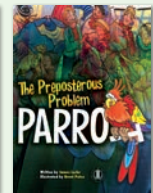
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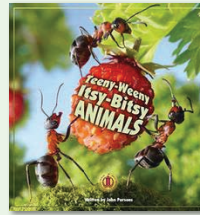
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sample pages



Level 28  
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sample pages

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## Chapter 2 Paper Planes and Planes in Movies!

**2009** A TV documentary about Dylan Parker and his paper planes is made.

The Australian television documentary, *Fly With Me*, featured Dylan and his passion for designing, making and flying paper planes.

**2015** Dylan's documentary inspired the Australian movie *Paper Planes*.

Australian film-maker Robert Connolly was inspired when he watched the documentary. So he started working on the movie. In 2015, the world's first movie about paper planes was released.

### Dylan and James help

While the movie was in production, Dylan Parker and James Norton helped by teaching the actors how to design and fold different kinds of paper planes. The Paper Pilots folded more than 5000 paper planes!



Australian Paper Pilot Dylan Parker holds one of his favourite paper plane designs called the 'Nakamura'.



Ed Oxenbould is an Australian actor who performs the fictional character 'Dylan Webber' in the movie. Ed is also known for his role as Alexander in the American movie, *Alexander and the Terrible, Horrible, No Good, Very Bad Day*.



Robert Connolly was the director, co-producer and co-writer of the movie, *Paper Planes*.



Sam Worthington is an Australian actor who performs the role of Dylan Webber's father in the movie. Sam is also known for his lead role in American movies, *Avatar* and *Avatar 2*.



Deborah Mailman is a successful Australian actor, who performs the role of Maureen in the movie.



David Wenham, a successful Australian actor, performs the role of Patrick in the movie.

**2013**

This plane was painted to look like Dusty, so it could promote the Disney movie *Planes* at an airshow in England.

**Dusty the plane**



**Dusty the voice**

Dane Cook is the actor who is the voice of Dusty Crophopper, the crop duster character in the movies: *Planes* and *Planes: Fire and Rescue*. This is Dane at the Hollywood (USA) premiere of *Planes: Fire and Rescue* in 2014.



**2013**

Exactly 8080 people launched their paper planes to promote Disney's movie *Planes* in England.



The Disney event was held at Camp Bestival, an annual festival at Lulworth Castle in England.

**2013**

**English record!**

The event at Camp Bestival set a record for the most paper planes (8080) flown at the same time in England.

England

Portugal

**2007**

**World record!**

In Portugal, a world record was set when 12 672 paper planes were thrown at the same time.

5





## CHAPTER 2 Paper Planes and Planes in Movies!

**CURRICULUM:** Science as a Human Endeavour, Arts, HASS (Y2–4); Physical Sciences (Y2) "A push or a pull affects how an object moves or changes shape." (Y4) "Forces can be exerted by one object on another through direct contact or from a distance."; **Science Inquiry (Y3)** "Exploring different ways to show processes and relationships through diagrams, models and role play."

## LITERACY TOWER AUSTRALIA

NAME \_\_\_\_\_

DATE \_\_\_\_\_

### COMPREHENSION

(recall, literal, inferential, connection, synthesis)

1. What is the title of the documentary? \_\_\_\_\_

2. What title would you have called the documentary?  
\_\_\_\_\_

3. Who was inspired by Dylan Parker's documentary?  
\_\_\_\_\_

4. Why do you think it took 6 years for the *Paper Planes* movie to be made?  
\_\_\_\_\_  
\_\_\_\_\_

5. How many paper planes did Dylan and James make when the movie was being made?  
\_\_\_\_\_

6. Who is your favourite actor in the *Paper Planes* movie? Why?  
\_\_\_\_\_  
\_\_\_\_\_

7. Where is Camp Bestival held? \_\_\_\_\_

8. Why do you think 8080 paper planes were thrown to promote a movie about planes?  
\_\_\_\_\_  
\_\_\_\_\_



Dylan Parker holds one of his favourite paper plane designs called the 'Nakamura'.

### PROCEDURE WRITING

(English, Arts, Science)



**Write** and illustrate a procedure for making a paper plane on the other side of this sheet.

### ACTIVITY

(Science Inquiry, English, Maths)

**Make** paper planes with your group. **Take** turns throwing your paper planes.

**List** the flight distances.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### GRAMMAR (verbs)

**Imagine** you were one of the 8080 people throwing a paper plane at Camp Bestival.

**Write** sentences using each verb below.

• **flown** \_\_\_\_\_

• **launched** \_\_\_\_\_

• **promote** \_\_\_\_\_

### SPELLING (rhyming words, prefixes)

**Read, cover** and **spell** each word.

**flown** \_\_\_\_\_

**thrown** \_\_\_\_\_

**performs** \_\_\_\_\_

**premiere** \_\_\_\_\_

**promote** \_\_\_\_\_

### PUNCTUATION (Capital letters, quotation marks and a full stop.)

**Rewrite** the caption with punctuation.

australian paper pilot dylan parker holds one of his favourite paper plane designs called the nakamura \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_





## CHAPTER 2 Paper Planes and Planes in Movies!

**CURRICULUM:** Science as a Human Endeavour, Arts, HASS (Y2–4); Physical Sciences (Y2) "A push or a pull affects how an object moves or changes shape." (Y4) "Forces can be exerted by one object on another through direct contact or from a distance."; **Science Inquiry (Y3)** "Exploring different ways to show processes and relationships through diagrams, models and role play."

## LITERACY TOWER AUSTRALIA

NAME \_\_\_\_\_

DATE \_\_\_\_\_

### COMPREHENSION

(recall, literal, inferential, connection, synthesis)

1. What is the title of the documentary? \_\_\_\_\_

*The title of the documentary is 'Fly With Me'.*

2. What title would you have called the documentary? \_\_\_\_\_

*I would have called the documentary [student answer].*

3. Who was inspired by Dylan Parker's documentary? \_\_\_\_\_

*Movie director, Robert Connelly, was inspired by the documentary.*

4. Why do you think it took 6 years for the *Paper Planes* movie to be made? \_\_\_\_\_

*I think it takes a long time to find the right actors, film the movie, and then edit it before it is ready for people to see it at movie theatres.*

5. How many paper planes did Dylan and James make when the movie was being made? \_\_\_\_\_

*Dylan and James made more than 5000 paper planes when the movie was being made.*

6. Who is your favourite actor in the *Paper Planes* movie? \_\_\_\_\_

Why? *My favourite actor in Paper Planes is Ed Oxenbould because it looked like he had lots of fun as the main character.*

7. Where is Camp Bestival held? \_\_\_\_\_

*Camp Bestival is held at Lulworth Castle in England.*

8. Why do you think 8080 paper planes were thrown to promote a movie about planes? \_\_\_\_\_

*I think 8080 paper planes were thrown to promote the movie, because it was a new, fun idea to see paper planes and Dusty the plane flying at the same time.*



Dylan Parker holds one of his favourite paper plane designs called the 'Nakamura'.

### PROCEDURE WRITING

(English, Arts, Science)



**Write** and illustrate a procedure for making a paper plane on the other side of this sheet.

### ACTIVITY

(Science Inquiry, English, Maths)

**Make** paper planes with your group. **Take** turns throwing your paper planes.

**List** the flight distances.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The Literacy Tower Australia Pty Ltd grants permission to Primary Schools to photocopy this activity sheet.

### GRAMMAR (verbs)

**Imagine** you were one of the 8080 people throwing a paper plane at Camp Bestival.

**Write** sentences using each verb below.

• **flown** *Exactly 8080 paper planes were flown at Camp Bestival today!*

• **launched** *I launched my plane at the same time as 8079 other people.*

• **promote** *We all flew paper planes to promote the movie and have fun.*

### SPELLING (rhyming words, prefixes)

**Read, cover** and **spell** each word.

**flown** \_\_\_\_\_

**thrown** \_\_\_\_\_

**performs** \_\_\_\_\_

**premiere** \_\_\_\_\_

**promote** \_\_\_\_\_

### PUNCTUATION (Capital letters, quotation marks and a full stop.)

**Rewrite** the caption with punctuation.

**australian paper pilot dylan parker holds one of his favourite paper plane designs called the nakamura** \_\_\_\_\_

*Australian Paper Pilot Dylan Parker holds one of his favourite paper plane designs called the 'Nakamura'.*



## Chapter 4 Australia's Biggest Paper Plane Challenge

The world's biggest paper plane competition for students is held in Sydney, Australia. This exciting competition is called the 'Paper Plane Challenge'. It is held every year and is organised by the Science Teachers Association of New South Wales.



Australian schools can register primary school students across three age categories. Only students who have achieved the qualifying distance or airtime throws can be registered in each category or group.

### Qualifying groups

Primary students must first qualify for the Paper Plane Challenge. Here are the qualifying throws for each group.



### What are the rules?

Go to the Science Teachers Association of New South Wales website for a complete set of rules. Here are some of the rules.

**Who:** a competing student must make their paper plane in front of an adult.

**What:** use one A4 sheet of paper that weighs 80 gsm (grams).

**How:** make the paper plane by folding, not cutting and gluing.

**Which:** students can compete in one category, or both distance and airtime categories.

**Why:** the rules make the competition fair for all students.



(left) *Stuart Garth has been the organiser of the Paper Plane Challenge since 2015. He also likes to award certificates.*

### Paper Pilots help out



(above) *This girl concentrates on her throwing technique at the Paper Plane Challenge.*



*Dylan and James, the Paper Pilots, helped out at the first Paper Plane Challenge in 2015.*

### Presenting awards



*Dylan (left), Stuart (centre) and James (right) present an award and prize to a winner at the Paper Plane Challenge.*

### On competition day

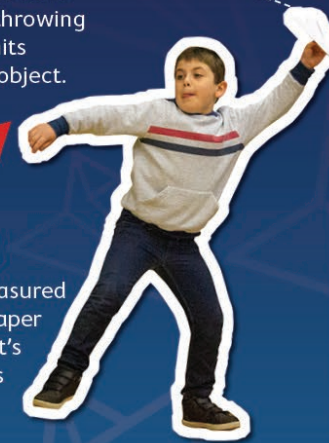
#### How are throws measured?

On competition day, each **distance** throw is measured in a straight line from the throwing mark to where the paper plane first hits something, such as the ground or an object.

**Longest distance**  
26.45 metres

**Longest airtime**  
9.25 seconds

An **airtime** throw is measured from the moment the paper plane leaves the student's hand to when it first hits something, such as the ground or an object.



### Online entries

The Regional High Flyers Competition allows students around Australia to send video entries of their qualifying throws to the Paper Plane Challenge organisers. In 2020, during the Covid-19 virus pandemic, all students qualified remotely and entered the Paper Plane Challenge online.



# CHAPTER 4 Australia's Biggest Paper Plane Challenge

**CURRICULUM: HASS, Maths (Y2-4); Civics and Citizenship (Y3-4) Rules; Physical Sciences (Y2)** "A push or a pull affects how an object moves or changes shape." **(Y4)** "Forces can be exerted by one object on another through direct contact or from a distance."; **Science Inquiry (Y3)** "Exploring different ways to show processes and relationships through diagrams, models and role play."

## LITERACY TOWER AUSTRALIA

NAME \_\_\_\_\_

DATE \_\_\_\_\_

### COMPREHENSION

(recall, literal, connection, inferential, synthesis, importance)

1. What is the world's biggest paper plane competition?

2. Where is the paper plane competition held?

3. When is the paper plane competition held?

4. Who can enter the paper plane competition? \_\_\_\_\_

5. How did Dylan and James help at the paper plane competition? \_\_\_\_\_

6. Which qualifying group would you enter? \_\_\_\_\_

7. Are you more confident throwing a paper plane in the distance category or airtime category? Why? \_\_\_\_\_

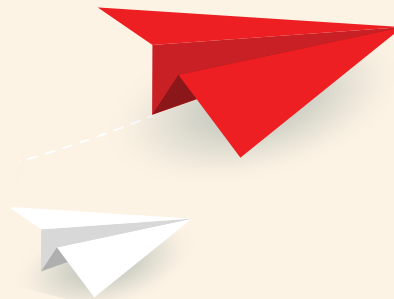
8. Re-read the rules on page 9. In your opinion, which two rules are the most important? \_\_\_\_\_



*Dylan and James, the Paper Pilots, helped out at the first Paper Plane Challenge in 2015.*

### ACTIVITY (Arts, English)

**Create**, write and draw an award for the winner of the longest airtime category. Use the other side of this sheet.



**Create**, write and draw an award for the winner of the longest distance category. Use the other side of this sheet.

### CAPTION WRITING (descriptive verb, nouns)

**Imagine** that you are in the photo (left). **Write** a caption using the words below to describe your photo.

**category competition challenge**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### SPELLING (rhyming words, prefixes)

**Read, cover and spell** each word.

**category** \_\_\_\_\_

**categories** \_\_\_\_\_

**compete** \_\_\_\_\_

**competing** \_\_\_\_\_

**competition** \_\_\_\_\_

### PUNCTUATION (Capital letters, quotation marks and a full stop.)

**Rewrite** the sentence with punctuation.  
**this exciting competition is called the paper plane challenge** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# CHAPTER 4 Australia's Biggest Paper Plane Challenge

**CURRICULUM: HASS, Maths (Y2-4); Civics and Citizenship (Y3-4) Rules; Physical Sciences (Y2)** "A push or a pull affects how an object moves or changes shape." **(Y4)** "Forces can be exerted by one object on another through direct contact or from a distance."; **Science Inquiry (Y3)** "Exploring different ways to show processes and relationships through diagrams, models and role play."

## LITERACY TOWER AUSTRALIA

NAME \_\_\_\_\_

DATE \_\_\_\_\_

### COMPREHENSION

(recall, literal, connection, inferential, synthesis, importance)

1. What is the world's biggest paper plane competition?

*The paper plane competition is called the 'Paper Plane Challenge'.*

2. Where is the paper plane competition held?

*The competition is held in Sydney, Australia.*

3. When is the paper plane competition held?

*The competition is held every year.*

4. Who can enter the paper plane competition? \_\_\_\_\_

*Primary school students can enter the paper plane competition.*

5. How did Dylan and James help at the paper plane competition? *Dylan and James helped by presenting awards and prizes at the competition.*

6. Which qualifying group would you enter? *I would enter the 'Junior Pilot' qualifying group.*

7. Are you more confident throwing a paper plane in the distance category or airtime category? Why? *I would be more confident in the distance category because I think I could make a plane that flies a long way quickly.*

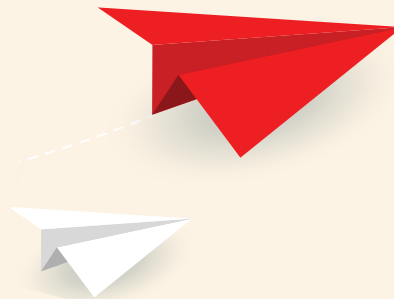
8. Re-read the rules on page 9. In your opinion, which two rules are the most important? *In my opinion, the two most important rules are that all students must use paper that weighs 80 grams, and that the plane is made only by folding, without cutting the paper or using glue.*



*Dylan and James, the Paper Pilots, helped out at the first Paper Plane Challenge in 2015.*

### ACTIVITY (Arts, English)

**Create**, write and draw an award for the winner of the longest airtime category. Use the other side of this sheet.



**Create**, write and draw an award for the winner of the longest distance category. Use the other side of this sheet.

### CAPTION WRITING (descriptive verb, nouns)

**Imagine** that you are in the photo (left). **Write** a caption using the words below to describe your photo.

**category competition challenge**

*I was so excited to meet the Paper Plane Pilots when I won first prize in the 'Junior Pilot' category of the Paper Planes Challenge competition!*

### SPELLING (rhyming words, prefixes)

**Read, cover** and **spell** each word.

**category** \_\_\_\_\_

**categories** \_\_\_\_\_

**compete** \_\_\_\_\_

**competing** \_\_\_\_\_

**competition** \_\_\_\_\_

### PUNCTUATION (Capital letters, quotation marks and a full stop.)

**Rewrite** the sentence with punctuation. **this exciting competition is called the paper plane challenge** \_\_\_\_\_

*This exciting competition is called the 'Paper Plane Challenge'.*

