



Teacher Resource

## Focus Questions

As a class, discuss the stories featured in the episode of BTN Classroom and record the main points of the discussion. Students will then respond to the following focus questions.

### Age Verification Trial

1. What was the main point of the BTN story?
2. Why does the Federal Government want to bring in an age verification trial?
3. How could a person's age be verified?
4. What is the technology called that can analyse your face and voice to guess your age?
  - a. Bioactive
  - b. Biography
  - c. Biometrics
5. What did you learn watching this story?

### Reconciliation Week

1. In your own words, explain what reconciliation is.
2. What does the theme for Reconciliation Week, *Now More than Ever*, mean to you?
3. How does your school celebrate Reconciliation Week or support reconciliation?
4. How do the young people in the BTN story think reconciliation can be achieved?
5. How did this story make you feel?

Check out the [teacher](#) resource on the Archives page.

### Celebrity Blockout

1. Explain what the BLOCKOUT 2024 movement is.
2. Which event started the movement?
  - a. Met Gala
  - b. The Academy Awards
  - c. The Grammy's
3. What did social media influencer Haylee Baylee do?
4. Why has Taylor Swift faced pressure about the US election?

#### EPISODE 14

28<sup>th</sup> May 2024

#### KEY LEARNING

Students will view a range of BTN stories and use comprehension skills to respond to a series of focus questions.

#### CURRICULUM

##### English – Year 4

Use comprehension strategies to build literal and inferred meaning to expand content knowledge, integrating and linking ideas and analysing and evaluating texts.

##### English – Year 5

Use comprehension strategies to analyse information, integrating and linking ideas from a variety of print and digital sources.

##### English – Year 6

Use comprehension strategies to interpret and analyse information and ideas, comparing content from a variety of textual sources including media and digital texts.

##### English – Year 7

Use comprehension strategies to interpret, analyse and synthesise ideas and information, critiquing ideas and issues from a variety of textual sources.

5. Do you think celebrities should be using their platform to raise awareness of world issues? Give reasons for your answer.

## Starliner Spacecraft

1. Briefly explain NASA's space shuttle program.
2. Why was the program stopped in 2011?
3. How have astronauts been travelling to the ISS?
4. Why did NASA give private companies billions to build spacecrafts?
5. What challenges has the Starliner faced?

Check out the [teacher](#) resource on the Archives page.

## Young Entrepreneurs

1. Briefly explain what Charlie, Olive and Teal's businesses are.
2. What skills has running a business taught Charlie, Olive and Teal?
3. Why does Olive put a lot of the money she earns back into the business?
4. If you could run your own business, what would it be?
5. What did you like about the BTN story?



Teacher Resource

# Reconciliation Week

## Focus Questions

Discuss the BTN story as a class and record the main points of the discussion. Students will then respond to the following:

1. In your own words, explain what reconciliation is.
2. What does the theme for Reconciliation Week, *Now More than Ever*, mean to you?
3. How does your school celebrate Reconciliation Week or support reconciliation?
4. How do the young people in the BTN story think reconciliation can be achieved?
5. How did this story make you feel?

## Activity: What did you See, Feel and Learn?

As a class ask students to discuss their thoughts and feelings about the BTN Reconciliation Week story. Use the following questions to guide discussion:

- What did you SEE in this video?
- How do you FEEL about what you saw in the story? Make of a list of words that describe how you felt after watching this story.
- What did you LEARN from the BTN story?
- What QUESTIONS do you have? Think of three (open-ended) questions you would like to ask about the story.



## Activity: Class discussion

Hold a class discussion about reconciliation using the following questions as a guide. Record the main points of the discussion on a mind map with Reconciliation at the centre.

- What is reconciliation?
- Why is reconciliation important in Australia?
- What values are important to reconciliation?
- Why do we have special days or weeks like Reconciliation Week, Sorry Day, Mabo Day and NAIDOC Week?
- How does your class and/or school support reconciliation?

### EPISODE 14

28th May 2024

### KEY LEARNING

Students will understand the significance of Reconciliation Week.

### CURRICULUM

#### HASS – Year 3

Significant events, symbols and emblems that are important to Australia's identity and diversity, and how they are celebrated, commemorated or recognised in Australia, including Australia Day, Anzac Day, NAIDOC Week, National Sorry Day, Easter, Christmas, and other religious and cultural festivals.

#### HASS – Year 4

The effects of contact with other people on First Nations Australians and their Countries/Places following the arrival of the First Fleet and how this was viewed by First Nations Australians as an invasion.

#### HASS – Year 5

The impact of the development of British colonies in Australia on the lives of First Nations Australians, the colonists and convicts, and on the natural environment.

#### HASS – Year 6

Changes in Australia's political system and to Australian citizenship after Federation and throughout the 20th century that impacted First Nations Australians, migrants, women and children.

***Aboriginal and Torres Strait Islander people should be aware that this document may contain images and names of deceased persons.***

## Activity: Let's talk about reconciliation

Reconciliation Australia's theme for 2024 is [Now More Than Ever](#). The theme is a reminder to all of us that no matter what, the fight for justice and the rights of Aboriginal and Torres Strait Islander people will – and must – continue.

National Reconciliation Week (NRW) is a time for all Australians to learn about our shared histories, cultures, and achievements, and to explore how each of us can contribute to achieving reconciliation in Australia.

Discuss the theme as a class, using the following questions to get the discussion started:

- What does the theme for Reconciliation Week 2024 mean to you?
- What are some of the important issues that are talked about during Reconciliation Week?
- What actions does your school take to help support reconciliation? (For example, Welcome to Country, celebrate Reconciliation Week with school activities).
- Why is it important to take action?



## Activity – Choose a Project

Individually or in small groups, students will choose one of the following projects to work on and then present their findings to the class.

### Reconciliation timeline

Create a timeline which looks at key events in Australia's reconciliation history.

### Reconciliation Flags

Create reconciliation flags in the colours of the Aboriginal or Torres Strait Islander flag. Each student will write on a flag, a message that celebrates reconciliation.

### Dreaming Trails

Learn more about the dreaming trails in your local area. Meet Rookie Reporter Tyrone in this [BTN story](#) to tell you what the river means to his people - the Ngarrindjeri.

### Bush Tucker

Create a bush food trail/Indigenous garden in your school. Find out if you have an Indigenous food trail near your school that you could visit for inspiration and to learn about Indigenous plants local to your area.

## Activity: Poster Competition

### ABC Education – Acknowledgement of Country poster competition 2024

Create a poster featuring an [Acknowledgement of Country](#) written in the Indigenous language of your local area!

Find out the Indigenous language of your local area, and then [work with your local Indigenous community](#) to translate an Acknowledgement of Country into that language. Finally, use your visual art skills to create an eye-catching poster featuring the translated Acknowledgement of Country. In your poster, please use imagery that reflects your local area. For example, don't include a picture of Uluru if your school is in Canberra.

This fantastic [interactive map](#) of Australia's first languages can help you find your local language.

If you can't find your local language, or if you are having trouble with the translation, please [contact First Languages Australia](#), who may be able to put you in contact with a local language educator who can help.



ABC Education - An Acknowledgement of Country poster in Gathang language submitted by Bulahdelah Central School, NSW. (*Bulahdelah Central School, NSW*)

## Useful Websites

- [National Reconciliation Week](#) – Reconciliation Australia
- [Voice Referendum Result](#) – BTN
- [Reconciliation Week 2021](#) – BTN
- [BTN Stories about Indigenous Culture](#) – BTN
- [Aboriginal Torres Strait Islander Histories and Cultures \(Resources\)](#) – ABC Education
- [Reconciliation Week 2021 \(TR\)](#) – BTN



Teacher Resource

# Starliner Spacecraft

## Focus Questions

Discuss the BTN story as a class and record the main points of the discussion. Students will then respond to the following:

1. Briefly explain NASA's space shuttle program.
2. Why was the program stopped in 2011?
3. How have astronauts been travelling to the ISS?
4. Why did NASA give private companies billions to build spacecrafts?
5. What challenges has the Starliner faced?

## Activity: Note taking

Students will practise their note-taking skills while watching the BTN Starliner Spacecraft story. After watching the story, ask students to reflect on and organise the information into three categories. What information in the story was positive, negative, or interesting?



## Activity: Class Discussion

Students will respond to one or more of the following questions after watching the BTN story:

- What is the Boeing Starliner?
- Why was the Starliner built?
- What is the International Space Station?
- How do astronauts travel to and from the ISS?
- What was surprising about the Starliner Spacecraft story?
- Think of three questions you have about the story.



### EPISODE 14

28<sup>th</sup> May 2024

### KEY LEARNING

Students will learn more about NASA's space shuttle program and the Starliner spacecraft.

### CURRICULUM

#### Science – Year 5

The Earth is part of a system of planets orbiting around a star (the sun).

#### Science – Years 5 & 6

Scientific knowledge is used to solve problems and inform personal and community decisions.

#### Science – Year 7

Scientific knowledge has changed peoples' understanding of the world and is refined as new evidence becomes available.



# Activity: Glossary

Students will brainstorm a list of key words that relate to the BTN Starliner Spacecraft story. Here are some words to get them started.

SPACECRAFT	REUSABLE	LAUNCH
SPACE SHUTTLE	MISSION	INTERNATIONAL SPACE STATION

Ask students to write what they think is the meaning of each word (including unfamiliar words). They will swap definitions with a partner and ask them to add to or change the definition. Check these against the dictionary definition.

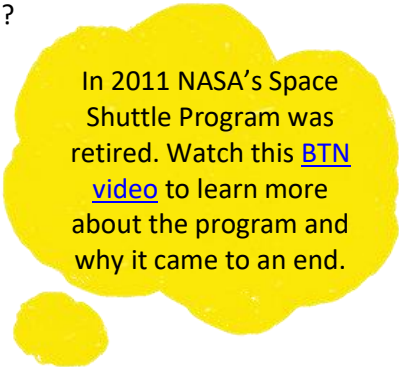
# Activity: Research

Discuss the information raised in the BTN Starliner Spacecraft story. What questions were raised in the discussion and what are the gaps in students’ knowledge? The following KWLH organiser provides students with a framework to explore their knowledge on this topic.

What do I <u>know</u> ?	What do I <u>want</u> to know?	What have I <u>learnt</u> ?	<u>How</u> will I find out?

Students will develop their own question/s to research or choose one or more of the questions below. Encourage students to collect and record information from a wide variety of sources and present the information they find in an interesting way.

- What were some significant space shuttle missions? Choose one to research in more detail.
- How did NASA’s space shuttle program impact space exploration?
- What role did space shuttles play in building and maintaining the ISS?
- What were the challenges of launching and landing the space shuttle?
- What challenges do engineers face when designing reusable spacecraft?
- What missions is the Starliner designed to perform?
- How does the design of the Starliner differ from other spacecraft like SpaceX’s Dragon or NASA’s Orion?
- What are some features and technologies used in the Starliner spacecraft?
- Why do we have an International Space Station? Investigate the work astronauts do on the ISS.
- How have spacecrafts changed over time?
- Do you think space exploration is important? Why or why not?



## Activity: Spacecraft Research

Students will choose a spacecraft to explore in more detail. Below are some examples to choose from. Students will then respond to the following research questions to create a profile about the spacecraft.

- Who created the spacecraft?
- When was it created?
- What is/was the purpose of the spacecraft?
- Is the spacecraft reusable?
- How much did it cost to build?
- Is it crewed or uncrewed? How many people can it carry?
- Did it complete any missions? Briefly summarise the mission and describe its purpose.
- How has the spacecraft and its missions been important to space exploration?
- Create a labelled diagram of the spacecraft.

**SpaceX Dragon**



**Apollo**



**Starliner Crew Spacecraft**



**Orion**



**Soyuz**



**Atlantis**





## Activity: Get to know the ISS

- What is the ISS? Why do we have an International Space Station?
- What do astronauts do on the ISS?
- How does the work carried out by the ISS astronauts contribute to science and affect life on Earth?
- What are some amazing moments on the ISS?
- How has technology used in space exploration changed over time?



### Further investigation

- Find out what the astronauts are up to on the ISS and the research what they are doing by checking out the [Space Station blog update](#) Share what they are doing with another student.
- [Spot the International Space Station](#). Watch the ISS pass overhead from locations all around the world. It is the third brightest object in the sky and easy to spot if you know when to look. Enter your location to find out when you can see it.

## Activity: Choose a project

Individually or in small groups, students will choose one of the following projects to work on and then present their findings to the class.

### Tour the ISS

Have you ever wondered how astronauts go to the toilet in space? Watch this [tour of the ISS](#) to learn more. What did you learn?

### Did You Know?

Using the information in the BTN story and your own research, create a *Did You Know* fact sheet to show what you have learnt. Publish using [Canva](#)

### Reporter for the Day

Research and write an online news report for kids about the launch of the Starliner spacecraft.

### Spacecraft Design

Imagine you are an engineer and design a spacecraft. Think about:  
What kind of spacecraft is it?  
What missions is it suitable for?

## Useful Websites

- [Shuttle Shutdown](#) – BTN
- [International Space Station](#) – NASA
- [Crew launch to International Space Station delayed again](#) – Newsround
- [SpaceX Launch](#) – BTN



Teacher Resource

# BTN Transcript: Episode 13- 28/5/2024

Hey, I'm Amelia Moseley and you're watching BTN. Thanks for hanging out with us. Here's what's coming up. We talk to young first nations people about the future of reconciliation, find out why celebrities are being blocked and learn about the race to get astronauts to space.

## Age Verification Trial

Reporter: Wren Gillett

*INTRO: We'll have all that and more soon. But first, have you ever accessed a site online that wasn't meant for kids? According to experts, it happens quite a bit, sometimes by accident and it's something the government wants to stop by using technology designed to verify your age online. Here's Wren.*

BOUNCER: Hello, welcome to the internet. Now, we've got a bit of everything going on in here, so ahh, what takes your fancy?

KID: Can I please watch hours and hours of cute cats doing cute cat things?

BOUNCER: Of course, right this way.

KID: Can I please watch the same TikTok dance a gazillion times over.

BOUNCER: Ahh, just through here.

KID: I'd like to join a community of people who enjoy making Harry Styles themed formal wear for dogs.

BOUNCER: Wow okay, that's weird, but ahh sure, right through here.

Yep, the internet will let you see basically anything. But along with the good stuff and the strange but basically harmless stuff, is stuff that can be scary, disturbing and inappropriate.

KRISTOPHER: I was scrolling with Instagram, Snapchat, and I was scrolling on TikTok.

ALESSIA: Like scary scenes of like someone chopping off someone's head or something.

CALLUM: You see a really scary movie and then I have nightmares at night.

ALESSIA: There's these inappropriate like adult toys, like an ad of them.

KRISTOPHER: "I've seen them with their clothes off and it's not the best and I don't think kids my age or even younger and a bit higher than me should ever see this."

Studies have shown that many Aussie kids are seeing adult material online, sometimes by accident.

SUSAN MCLEAN, CYBER SAFETY EXPERT: Sometimes they stumble across it. Sometimes it pops up sometimes a friend shows them, and this is the problem. And young people are getting very distressed often by what their peers Showing them.

And while there are often age restrictions on sites designed for adults, like adult games and entertainment, gambling sites, and maybe even some social media platforms. These can be pretty easy to get around.

KID: I'd like to play some R-rated video games please

BOUNCER: Whoa Whoa Whoa, nice try. Tick this box first

BOUNCER: YEP, come on through.

And that's something the federal Government wants to change.

ANTHONY ALBANESE, AUSTRALIAN PRIME MINISTER: It is a major social issue in this country.

So what's the plan? Well in the federal budget, they announced a \$6.5 million dollar trial of technology, designed to prove that you are the age you say you are. Kinda like an online security guard, that actually ahh, does its job.

BOUNCER: Oi.

There are a few different ways it could work. It might look at the other sorts of sites you visit to try and guess your age.

BOUNCER: Stop, it says here you watch a lot of BTN. Are you a school kid?

Or it might check your age against other accounts you have like social media.

BOUNCER: Can you please log into Snapchat for me?

But those methods aren't exactly fool proof.

SUSAN MCLEAN, CYBER SAFETY EXPERT: We can't rely on people being honest because if you want to do the wrong thing, there's usually a work around it.

KID: Can I partake in your finest scary film?

Then there are technologies like biometrics, which could analyse your face and voice to guess your age. Or you could be asked to show ID, like your passport or driver's license when you get one.

BOUNCER: Yep, looks legit, come on through.

But that's a bit controversial

SUSAN MCLEAN, CYBER SAFETY EXPERT: Because we've had all the hacks of the different companies where data has been taken. So, if the platform says you've got to enter this personal information to access it, people won't do it.

But no matter what option the government goes with experts like Susan say It's important for kids to learn how to keep themselves safe online.

SUSAN MCLEAN, CYBER SAFETY EXPERT: Technology offers us amazing benefits, but it comes with a responsibility. So please always remember that no matter what, if something is bothering you, you need to find an adult, you need to let them know what the problem is. And ask for help. And you will not get into

trouble.

## News Quiz

Australians have been evacuated from New Caledonia, where violent protests have been going on for a couple of weeks now. Do you know which country New Caledonia is a territory of? Spain, France or the UK? It's France, although 41 percent of the population are Indigenous Kanak people, and many want independence from France. The violence started in response to French plans to extend voting rights to thousands of non-indigenous people.

The UK's Prime Minister, Richi Sunak, has surprised a lot of people by calling an early election, which will happen on July 4<sup>th</sup>. Do you know how many Prime Ministers the UK's had in the past 5 years? 2, 3 or 4? Richi Sunak is the 4<sup>th</sup>. Before him there was Liz Truss, Boris Johnson and Theresa May.

What tourist attraction is hidden behind this fence? Is it the Eiffle Tower, Mt Fuji or the Great Wall of China? It's Mt Fuji. This convenience store in Japan offers a great view of the famous landmark but too many tourists were stopping there to get a snap and causing chaos for locals, so they've resorted to blocking the view. Japan's government have also announced more controls on climbing Mt Fuji to try to limit the number of tourists.

Open AI's new voice chatbot features a voice which some say sounds a lot like which actress? It's Scarlett Johansen, who also happened to be in a movie where she played the voice of an AI Chatbot. Coincidence? Well Chat GPT says yes. But Johanssen was not impressed.

Which Matilda is now a Barbie? It's Mary Fowler. Toy Company Mattel decided to make a doll in her image, along with eight other sportswomen from around the world.

## Reconciliation Week

Reporter: Justina Ward

*INTRO: This week is Reconciliation Week, and the theme is "now more than ever". It's meant as a reminder that, no matter what, the fight for justice and equality for Aboriginal and Torres Strait Islander people has to continue. We asked some school kids what that means to them and how they Australia can move forward after last year's referendum.*

TRESNA: All that hard work we have done. We just got told it was a no.

MALAKAI: Us First Nations people should have had a voice by now.

BOBBY: Although we have a long way to go, I feel like we've still come a long way.

DAMIEN: I think it's the one country that hasn't like, have their community have a say, like, with their own parliament.

JANARLI: It should have been Yes. Because then that could have been real change.

ZACK: I heard a lot of my friends say that if we vote for yes, they're not going to help the Aboriginal people. But none of my friends that were saying that were Aboriginal.

BOBBY: I have really close friends that had their families had opinions, but I became almost victim to their opinion, because of me being Aboriginal.

TAYTE: Most mobs didn't even choose to have a yes or no. Even some mobs in South Australia I know our country ways that none of them voted because they didn't get told about it.

BOBBY: The good that came out of that is people were more educated about Aboriginal life and how it has been for the past, you know, 250 years.

MALAKAI: One thing that I saw whilst the referendum was still happening was the yes for posters being ripped out and unlike being spray painted on saying no. It just didn't feel like right for someone to do that.

SHANIA: Like as aboriginal, we didn't actually have a say in it. They had to say, they chose our decisions for us. We didn't get to make them.

SHANIA: For people to say, I'm glad that there's not a voice in Parliament in a country that we were in first. It's like, it just feels horrible.

TALEIAH: It was a very scary time because people weren't really holding back on their opinions, which I really didn't expect.

SHANIA: Even if the referendum said no, people are still like, like, they're still fighting for it. And it's good because I love to see it. It's really, it's beautiful.

TALEIAH: I'm really excited to see what's to come now that there are a lot more like non-Indigenous Australians who are really like getting around us.

MALAKAI: I think that we should just keep on moving forward and wait till the next referendum to try to change this, our decision.

JANARLI: The next referendum. I hope it's a yes. So then finally, us mob can finally have a voice.

BOBBY: I believe there's not really one answer to reconciliation, overall, there's just going to be a lot of action taking place in all areas. That means schools, that means government, that means juvenile detention centres, that means everywhere. And if there's action taking place everywhere, then all areas that need to be fixed can be fixed.

SHANIA: I'm very optimistic about it. Because I think we've got a great set of leaders like in Australia, like, the next generation, we have, like my generation, we have a lot of strong leaders.

TRESNA: The reason why we have a reconciliation week is to celebrate the Aboriginal culture, and many other cultures to come together and like recognise the Aboriginal people as the First Nations of Australia. I can teach my language towards others and like telling them about the animals on the land is like, that's something that I really love about reconciliation week.

SHANIA: We want our voices to be heard. We want to get out there and show them what we can do. We don't want to be doubted or put down.

AARON: If we have more culture into our learning, instead of just implementing what the new what's present, we could turn the stuff from the past into the future for the next generations.

TRESNA: There is still racism happening in, in Australia at the moment. But when that's all gone, and everything's going well, like, I believe we can all come together and connect as one. And like, we can just teach them our culture, and they can teach us as many things as well. And yeah, I hope that happens.



## Quiz

Reconciliation Week begins on the 27th of May, which marks which event in Australia's history? The 1967 Referendum, the National Apology to Stolen Generations or the 1992 Mabo decision? It's the date of the 1967 referendum which changed the constitution so that Indigenous people could be counted as part of the population. Reconciliation week ends on the 3rd of June which is Mabo Day.

## Celebrity Block-out

Reporter: Kushi

*INTRO: Now, over the past few weeks, if you've been anywhere near social media, you may have come across this Hashtag Blockout2024. It's a movement that's encouraging people to block celebrities who don't use their influence to push for social and political justice. Kushi found out more about it and whether we should listen to what famous people have to say.*

Yep, when it comes to celebrities and social media it can be hard to look away. Even if you want to.

KUSHI VENKATESH, REPORTER: But over the last few weeks some of the biggest celebrities out there have lost millions of followers because of a movement called the BLOCKOUT 2024.

And it all began right here. Yep, the Met Gala. It's a massive fashion event where some of the world's biggest celebrities get dressed up in extravagant outfits. And if you did want to attend, well good luck, cause its invitation only and tickets cost about 100 grand. Which to some seemed a little inappropriate when many are struggling, and some horrible things are happening in the world. Then social media influencer Haylee Baylee did this.

KUSHI: Just in case you didn't know that's a reference to Marie-Antoinette. A French queen who supposedly said the same thing in 1789. She was told her starving subjects had no bread. So, she said let them eat cake except well, in French. Yeah, not exactly sensitive. It famously didn't end well for Marie-Antoinette, and here in 2024 it got many people calling for a different kind of revolution.

BRAD WEST, PROFESSOR OF SOCIOLOGY: Part of the attraction of celebrities is they have a charisma, and that crew charisma is partly that they can bring about the betterment of society. They can bring about social change; they can solve problems.

Brad West is a professor of Sociology, and he says there's a long history of celebrities taking a stand on social issues.

KUSHI: That's because famous people have a lot of power, and they can use that power to make a real difference.

BRAD WEST, PROFESSOR OF SOCIOLOGY: So, you know, their political opinions matter, and they have a broader responsibility for it. And they're different sort of power to traditional political, or other elites in society.

It's why Taylor Swift for example has faced a lot of pressure to have a say about the US election. Polls have shown that 18 percent of American voters would be "more likely" to vote for a candidate endorsed by Swift. But should we be listening to celebrities' opinions about politics or world events?

BRAD WEST, PROFESSOR OF SOCIOLOGY: So, their voices are important. But the problem is, if we only listen to them, or only focus on what they're saying, or not saying, in the case of block out, it can limit the number

of voices in the public debate and the quality of the public debate.

Some people reckon that the problem with social media is that we spend too much time listening to people's opinions including celebrities and influencers. And not enough time learning from experts or people with first-hand experience.

KUSHI: So, what does that mean for BLOCKOUT 2024?

Well, some people reckon it's a sign that young people are starting to get sick of celebrity culture. While others reckon it's just a trend. In any case some say many of these guys should stick to what they do best.

BRAD WEST, PROFESSOR OF SOCIOLOGY: I think we need to come to a position where we appreciate celebrities for what they are being good at certain things. And that, that we don't look to them to solve the world's problems.

## Starliner Launch

Reporter: Joe Baronio

*INTRO: Now we're going to head to space. Well, we're going to try, which is exactly what Boeing's been doing for the past few weeks as it's tried and failed to launch a crewed flight of its new Starliner spacecraft. Joe found out more about it and why NASA astronauts are having to hitch a ride.*

ASTRONAUT: My commute to work is, well, not your average morning commute. I've gotta travel a long way to get to my office because it's all the way up there, on the international space station. Is Salisbury near the ISS? Turns out public transport can't get me within even walking distance. So, I've had to think outside the box. Hitchhiking. You heading to space?

DRIVER: What? No.

JOE BARONIO, REPORTER: Yeah, this is what it's like for NASA astronauts trying to get to work on the International Space Station. Sort of. While they don't use buses or cars, they do have to borrow spacecraft to hitch a ride to the ISS because for a while now they haven't had a ship of their own.

ASTRONAUT: It hasn't always been like this though.

For 30 years, NASA had space shuttles. These reusable, aeroplane-style designs first launched on the 12th of April 1981. They flew 135 missions carrying more than 600 astronauts to work and more than 1.3 million tonnes of cargo, including the Hubble Space Telescope. But there were also a couple of big disasters.

On January 28th, 1986, space shuttle Challenger broke apart seconds after liftoff.

SHUTTLE CONTROLLER: We have a report from the flight dynamics officer that the vehicle has exploded.

The shuttle program was suspended for about three years and came back in 1990, but tragedy struck again in 2003 when space shuttle Columbia also broke apart as it returned to Earth.

GEORGE W. BUSH: FORMER U.S. PRESIDENT: The cause in which they died will continue. Our journey into space will go on.

The shuttles kept shuttling for another few years, but safety concerns and astronomical costs of more than 675 million bucks per launch eventually led to the shuttle program being retired in 2011.

SHUTTLE CONTROLLER: It's place in history is secured. The Space shuttle pulls into port for the last time.

ASTRONAUT: But we astronauts still had to get to the ISS, so we turned to the only other country who had spacecraft to get up there. Russia.

Yep, Russia's Soyuz spacecrafts were the only space taxis for nearly a decade, and while Russia has been a leader in the international space program right from the beginning, the war in Ukraine has made things complicated. Because of sanctions, European astronauts aren't allowed to ride in the Soyuz, plus Russia is planning to drop out of the ISS and build its own space station.

ASTRONAUT: NASA have been trying to solve the problem though. In 2014 they gave a few billion dollars to a couple of private companies and asked them to build their own spacecraft... to get us astronauts up to work.

SpaceX was one of the first to get one off the ground, taking cargo to the ISS back in 2012 and crew in 2020. Now Boeing are trying to get their Starliner off the ground, but it's not gone smoothly.

ASTRONAUT: Hurry up. I'm late.

After one failed attempt they managed to get an uncrewed test flight to the ISS in 2022. And a few weeks ago, the crew strapped in for the first crewed mission. But it had to be cancelled because of a leak. Then, last week another planned launch was cancelled thanks to the same pesky leak, and now it's been pushed back again. While it springs a bit of a leak in NASA's plans, Boeing say they want to make sure everyone's safe.

ASTRONAUT: Right, that's it. Take me to Salisbury, it's as close as I can get, I'll walk from there.

DRIVER: Who are you?

## Quiz

All of the space shuttles were named after what? Historical ships, fictional space ships or explorers? They're all named after science and exploration ships. One of them, Endeavour, was chosen by school kids who decided to name it after Captain Cook's famous vessel.

## Sport

From the very first lap, the Monaco Grand Prix was filled with action with this massive crash leading to a red flag and a stop in racing. Oof that car doesn't look good. Once things got cleaned up, Ferrari's Charles LeClerc and Aussie McLaren driver Oscar Piastri battled it out for glory. But in the end, it was LeClerc's race making him the first native Monegasque to win a Monaco Grand Prix in the F1 championship.

It was mariners mania at the A-league men's grand final when the Central Coast Mariners smashed Melbourne Victory 3-1 to take the championship. It's now the first professional men's football club in Australia to complete a "treble" - with an A-League Men's Premiership and AFC Cup also under its belt.

This epic goal also saw 18-year-old Miguel Di Pizio become the youngest scorer in A-League Grand Final history.

Finally, to the world of competitive timber sports where New Zealander Jack Jordan has been crowned the lumberjack champion. This is the third consecutive win for the woodchopper, shattering his own world

record time at 52.53 seconds.

## Young Entrepreneurs

Reporter: Wren Gillett

*INTRO: Finally, today, do earn pocket money? Well, you're about to meet some kids who have found some creative ways to make money by starting their businesses. Check it out.*

From lemonade.

CHARLIE: I'm making lemonade so I can get my boat.

To handmade crafts.

OLIVE: I paint watercolour cards and sell them at my local coffee bar.

To poop.

TEAL: I've made almost 3,000 dollars with horse poo.

These guys can sell it all. While many kids their age are earning pocket money. Charlie, Olive and Teal here have taken matters into their own hands and have started their own businesses.

OLIVE: My mum's friend came over to stay in our house one time and she painted water colour cards, and then I started painting them and then decided I wanted to sell them.

But it's taken a lot of hard work. Teal's been putting in the hard yards for about two years now, turning horse nuggets into gold.

TEAL: I grew up with horses and I've always had horses at my house, and horses do have a lot to get out of their systems, so I decided to start bagging some poo.

See, horse poo makes fantastic fertiliser, and lots of gardeners are happy to pay for a bag.

TEAL: Horses have a lot of poo, so it's really just to get out of the yard, and otherwise we're just gonna have it in a pile, so it's also a way to raise money and to get it out of the yard.

But sometimes, to keep a business going, you have to spend money on it, which is exactly what Olive here has been doing. In fact, a lot of what she earns just goes straight back into supplies.

OLIVE: Usually, in my spendings, I spend it on supplies for my cards and key rings.

Meanwhile Charlie collects lemons with his Dad from people in their community which they turn into lemonade together.

CHARLIE: People letting us have them, by cleaning their garden out.

These kids say running a business has taught them some super important life skills, like financial literacy, which is basically the ability to understand how money works.

CHARLIE: Counting it and giving people change, and learning how to give how much they need for change.

CHARLIE'S DAD: His maths has certainly gotten a bit better, and I've been certainly been pushing for that.

TEAL: I think it's really important that children start to learn the value of money and how it will help them throughout the years instead of relying on other people.

But the extra cash certainly doesn't hurt.

OLIVE: I've saved for lots of things, but I got a really big Lego set.

TEAL: I decided to start bagging some poo so I could get some money to go to a horse expo, which is called Equitana.

And if you can, and have the support, they say anyone, of any age, can get into business

OLIVE: Because that way they can save for things they really want.

CHARLIE: So, they know how to use it when they're an adult.

TEAL: I think they should just try whatever they love, and just see if they can move their money forward and try their best.

## Closer

Well, that's it for this week. We'll be back before you know it, and if you miss us in the meantime, you can find us online and Newsbreak will be here in the studio every weekday. Have a great week.  
See ya.