



FUTURE TRAVELLER  
• **PASSPORT** •



**CROSSRIVERRAIL**

WELCOME  
FUTURE  
TRAVELLER.

THIS IS YOUR  
PASSPORT.

IT WILL HELP  
YOU ON YOUR  
JOURNEY.

Name: \_\_\_\_\_

Day   Month   Year

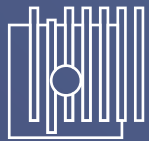
LISTEN. LOOK.  
CLUES ARE  
EVERYWHERE.

Explore, sketch ideas,  
take notes, take home.

Order is not important.

Instructions are open  
to interpretation.

# DISCOVER WHAT SORT OF FUTURE TRAVELLER YOU ARE



## INNOVATOR

The INNOVATOR is a trailblazer. A developer. A pioneer ahead of everyone else. The unknown excites you. You always ask “what if?” and push until you’ve found the best idea. Your greatest gift is your curiosity which drives your desire to discover new ways of thinking; of putting things together. You dream big, experiment and take chances.



## OBSERVER

The OBSERVER is a watcher. A spectator. Someone who sees the big picture. You notice the thing that no one else does. For you, it’s all in the details and it’s those details that give you your unique insight. Nothing is unknown because you see the patterns in the world, patterns that only you see because you’re the one paying attention.



## EXPLORER

The EXPLORER is an adventurer. A traveller. A person driven by the thrill of discovery. You want to know what’s beyond the horizon. Over the hill. Under the water. You’ll find a way to get there and leave no stone unturned when you do. But for the explorer, it’s the journey and not the destination that excites them.



## CREATOR

The CREATOR is a producer. A designer. They take the big idea and bring it to life. Your vivid imagination guides you but it’s your ability to realise your dreams and ideas that is your greatest gift. Not afraid to get your hands dirty, you’re a problem solver who refuses to rest until you get what’s in your head out into the world.

# IN YOUR PASSPORT YOU'LL FIND...



TAKE  
NOTES



TOOLS TO HELP YOU  
ON YOUR JOURNEY



CHALLENGE PAGES  
TO PLACE YOUR CARDS  
AND MAKE NOTES



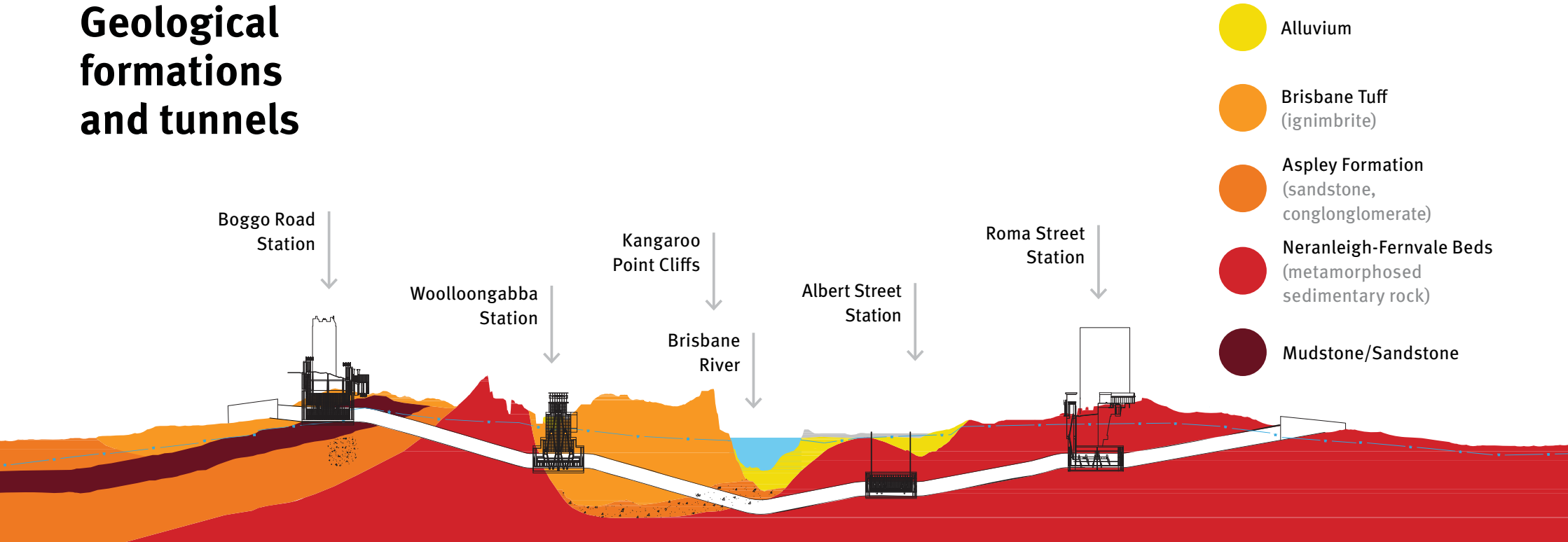
ACTIVITIES



WHAT SORT OF  
FUTURE TRAVELLER  
ARE YOU?

SCRIBBLE

# Geological formations and tunnels




$$D = M/V$$

$$M = D \times V$$

$$V = M/D$$

D = DENSITY  
(TONNES PER M<sup>3</sup>)

M = MASS  
(TONNES)

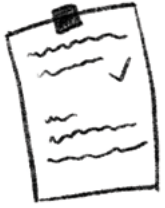
V = VOLUME  
(M<sup>3</sup>)

$$V = \pi r^2 h$$

V = VOLUME

R = RADIUS

H = LENGTH  
(METRES)



TAKE  
NOTES

SCRIBBLE



FUTURE TRAVELLER  
• CHALLENGE CARDS •



CROSSRIVERRAIL

FUTURE TRAVELLER  
• CHALLENGE •

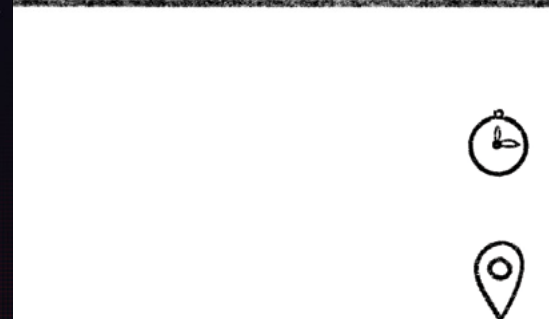
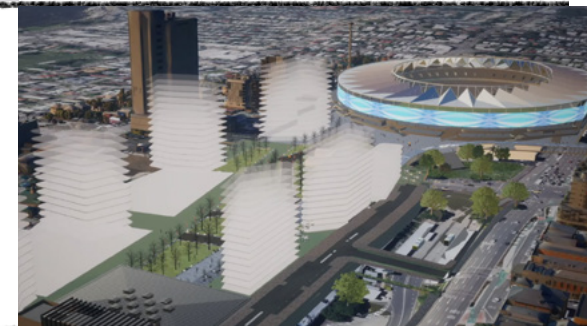


**TIME TAG 01**

WHEN & WHERE



LOOK AROUND THE VIRTUAL EXHIBITS TO FIND THESE IMAGES AND OBJECTS. CAN YOU UNCOVER WHERE AND WHEN IN TIME THEY CAME FROM?





FUTURE TRAVELLER  
• CHALLENGE •

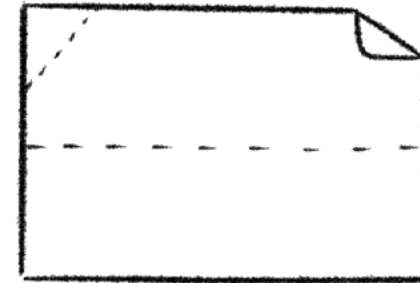


**FOLD IT  
HOLD IT**

CREATE A STRUCTURE  
THAT CAN HOLD WEIGHT



CREATE A STRUCTURE  
THAT CAN HOLD WEIGHT.



FOLD A SHEET OF PAPER IN A WAY  
THAT IT CAN HOLD WEIGHT HIGHER  
THAN **4CM** OFF THE TABLE.

FIND OBJECTS AROUND YOUR CLASSROOM AND  
SEE HOW MUCH WEIGHT IT CAN HOLD.



HOW MUCH CAN YOUR STRUCTURE HOLD?  
HOW COULD YOU IMPROVE ITS STRENGTH?

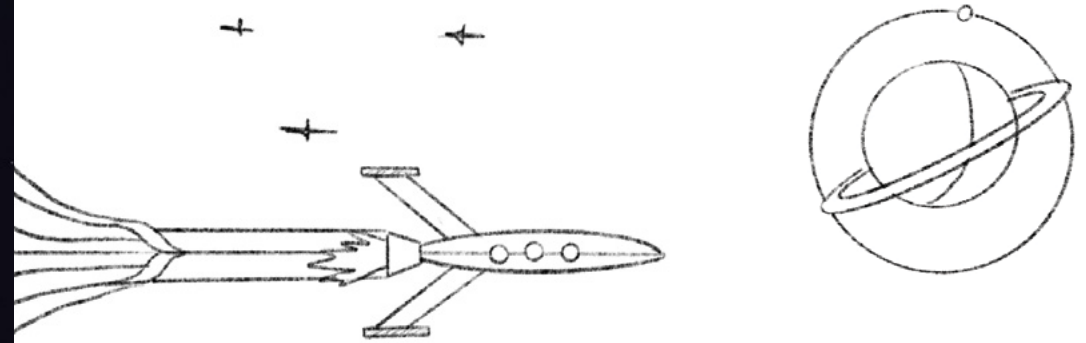


FUTURE TRAVELLER  
• CHALLENGE •



**STEP INTO  
THE FUTURE**

IMAGINE WHAT THE FUTURE  
OF TRANSPORT MAY LOOK LIKE

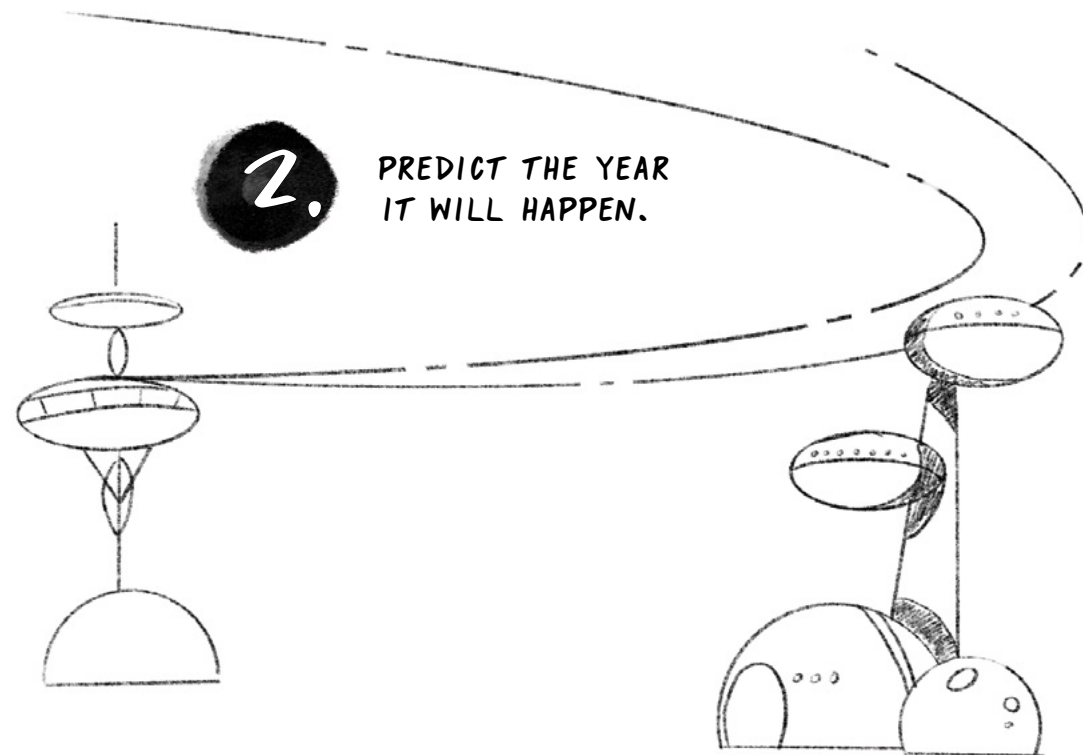


1.

WRITE A BRIEF CREATIVE  
DESCRIPTION OF YOUR VISION  
FOR THE FUTURE OF TRANSPORT.  
(SKETCHES ARE WELCOME)

2.

PREDICT THE YEAR  
IT WILL HAPPEN.



FUTURE TRAVELLER  
• CHALLENGE •



VOLUME



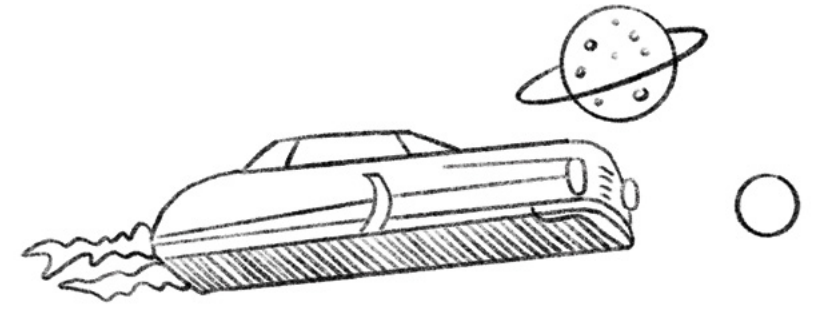
WORK OUT THE VOLUME OF  
SOIL AND ROCK THAT HAS TO  
BE REMOVED TO BUILD THE  
CROSS RIVER RAIL TUNNELS.

MAKE SURE TO SHOW YOUR  
WORKINGS.





TAKE  
NOTES



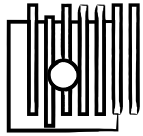
What sort of  
future traveller  
are you?

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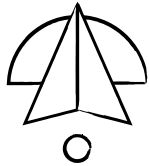
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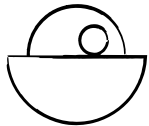
SCRIBBLE



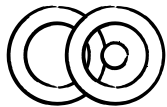
**INNOVATOR**



**EXPLORER**



**OBSERVER**



**CREATOR**

