

INNOVATIONS & TRENDS

A - National innovations

Prime minister launches national innovation and science agenda

Our economy is transitioning away from the mining boom.

The record commodity prices that drove growth are now receding.

Our future _____ will depend on a different type of boom –an _____ boom.

The key to our future success is _____.

To drive _____ and _____.

The opportunity for Australians have never been _____.

We have unprecedented access to the global economy through new _____ deals and more than half of the world's middle class now live in our region.

We have some of the best _____ in the world.

But we can do better in some key areas.

Collaboration between industry and researchers is the lowest in the OECD.

And the number of _____ bringing new ideas to market is also low by international standards.

So today we're unveiling an innovation package, critical for Australia to remain a high _____ fair _____ net economy.

The package will help innovative businesses access capital.

It'll help businesses commercialise their great ideas

It will _____ innovation across government

It will equip young Australians with the _____ they _____ to _____ in the 21st century economy.

Our focus is _____ a more innovative, agile and entrepreneurial Australia.

The Big Race Project Hyperloop

Have you ever heard a picture is worth a thousand words at the University of Colorado

Denver as mechanical engineers our _____ senior design project

_____ everything we have learned from studying engineering so far.

This capstone project gives us the opportunity to work on something bigger than ourselves and we wanted to do just that.

So we formed a team of eight people : meet Susan John Nicole Ben Chandler Connor mark and George then we started _____ ideas.

Suggestions ranged from building an adaptable _____ to a giant 3d printer and even a submersible ocean Explorer. But nothing stuck until June 15th of 2015 when Elon Musk of SpaceX announced a competition called Hyperloop.

The Hyperloop is a proposed new _____ of _____ between Los Angeles and San Francisco. It will be the _____ means of transportation between the two cities as well as being accident free and _____ cheaper than an airplane or train. It is also eco friendly. Hyperloop _____ travel inside low-pressure tubes that will run along the center of the highway.

Solar panels on top of the tube will make this new means of transportation 100% self-sufficient. Inside the tube pods shaped like Bob sleighs will _____ on top of a cushion of air. They are _____ through the tube at speeds of over 700 miles per hour.

Our team is designing and building a fully functioning pod that will be tested in June 2016 at Elon Musk's Hyperloop competition.

You might be wondering how much this is going to cost : funding will come from Kickstarter private companies and competition _____. We are aiming to raise \$40,000 in order to build a functional Hyperloop pod.

B – Body Language

1. Watch Lynne Franklin's video and answer the following questions.

What is the video about ?

Name the 3 types of body languages.

Which one is the most common ?

Give each type's characteristics.

How is each type dressed ?

If you meet a toucher and you're not tactile, what should you do ?

Which type are you ?

Which type do you think your neighbour is ? Why ?

2. Watch *Make Body Language your superpower* and answer the following questions.

At the beginning, there is an example with Michael Bay, what happened ?

What are the postures / gestures to avoid ?

What are the good ones ?

What are the 3 strategies described for how to engage the audience better ?

What is the best way to re-engage with the conversation with the speaker ?

Which Star Wars analogy is used ?

C – Final task

PRESENTING AN INNOVATION

A 12-15-minute presentation in groups of 3

Format: slides/video/infographics/prezzi.....

Goal:

Be able to present a process or device / to comment on graphs and trends

Content:

- . **Goal of project:** (What for? What was the need? How did the idea come?) intro
- . **Description:** (How does it work?), make it easy to understand
- . **Technology of the future:** (What is new about it? Why is it innovative?)
- . **State of project now:** (What has been done already?)
- . **Future action(s):** (What needs to be done?) Conclusion

Don't forget:

- . Apply what you've seen in the videos on body-language
- . Include graphs, trends, numbers

Assessment criteria	0-2 point	3-4 points	5-6 points	Total
Content Group grade 12-15 min originality of the format chart/numbers	The presentation is too succinct to meet the aims of the task.	Can give a prepared straightforward presentation on a familiar topic within his/her field, in which the main points are explained with reasonable precision.	Can give a clear, prepared presentation, giving reasons in support of or against a particular point of view and giving the advantages and disadvantages of various options.	
	0-2 point	3-4 points	5-6 points	
Accuracy of the language - grammar - vocabulary	The presentation shows only limited control of a few simple grammatical structures.	Generally good control though with noticeable mother tongue influence. Errors occur, but it is clear what he/she is trying to express.	Shows a relatively high degree of control. Does not make mistakes which lead to misunderstanding.	
	0 point	1-2 point	3-4 points	
Intelligibility of the performance - pronunciation - audibility	The presentation is very difficult to understand	Pronunciation is clearly intelligible even if a foreign accent is sometimes evident and occasional mispronunciations occur.	Has acquired a clear, natural, pronunciation and intonation.	
	0 point	1-2 point	3-4 points	
Communication - no reading - body-language	He / she is reading and isn't clearly addressing the audience.	Can speak to the audience with a reasonable degree of clarity, fluency and spontaneity.	Can speak to the audience with a high degree of clarity, fluency and spontaneity.	
		B1 Level / 12 pts	B2 Level / 20 pts	... / 20 B1 / B2