Quality Online Spaces

Bringing
MOOC technology
to MyLO

11 November 2014

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and
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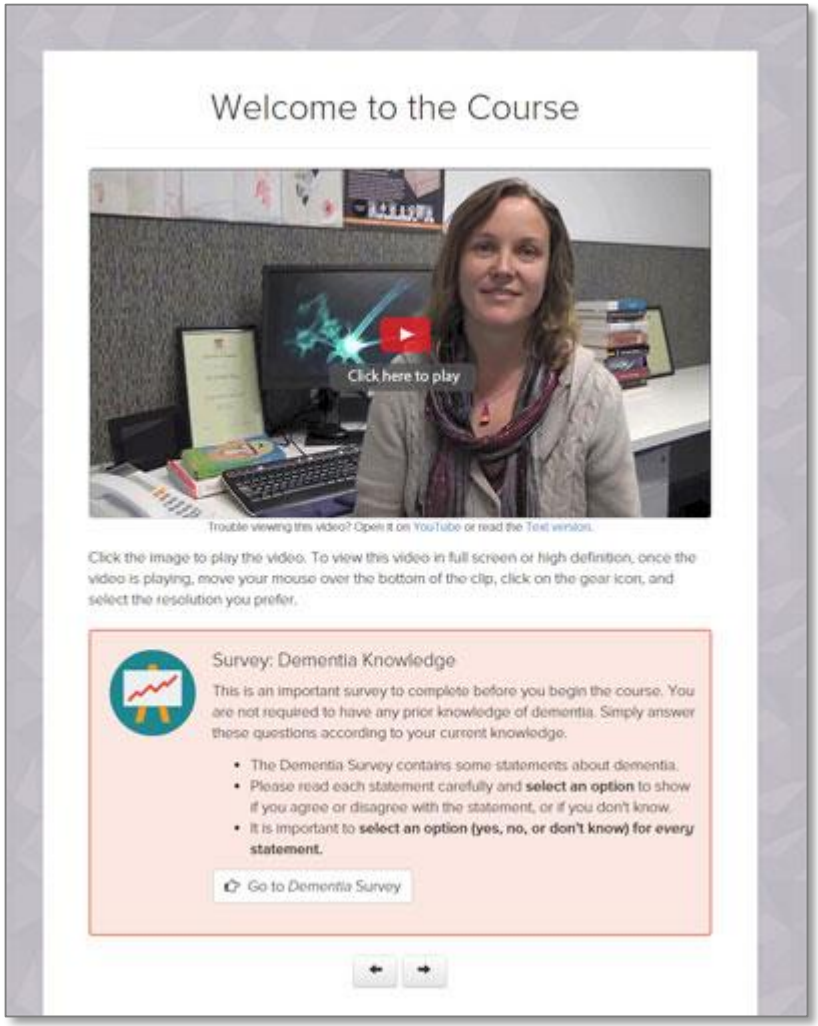
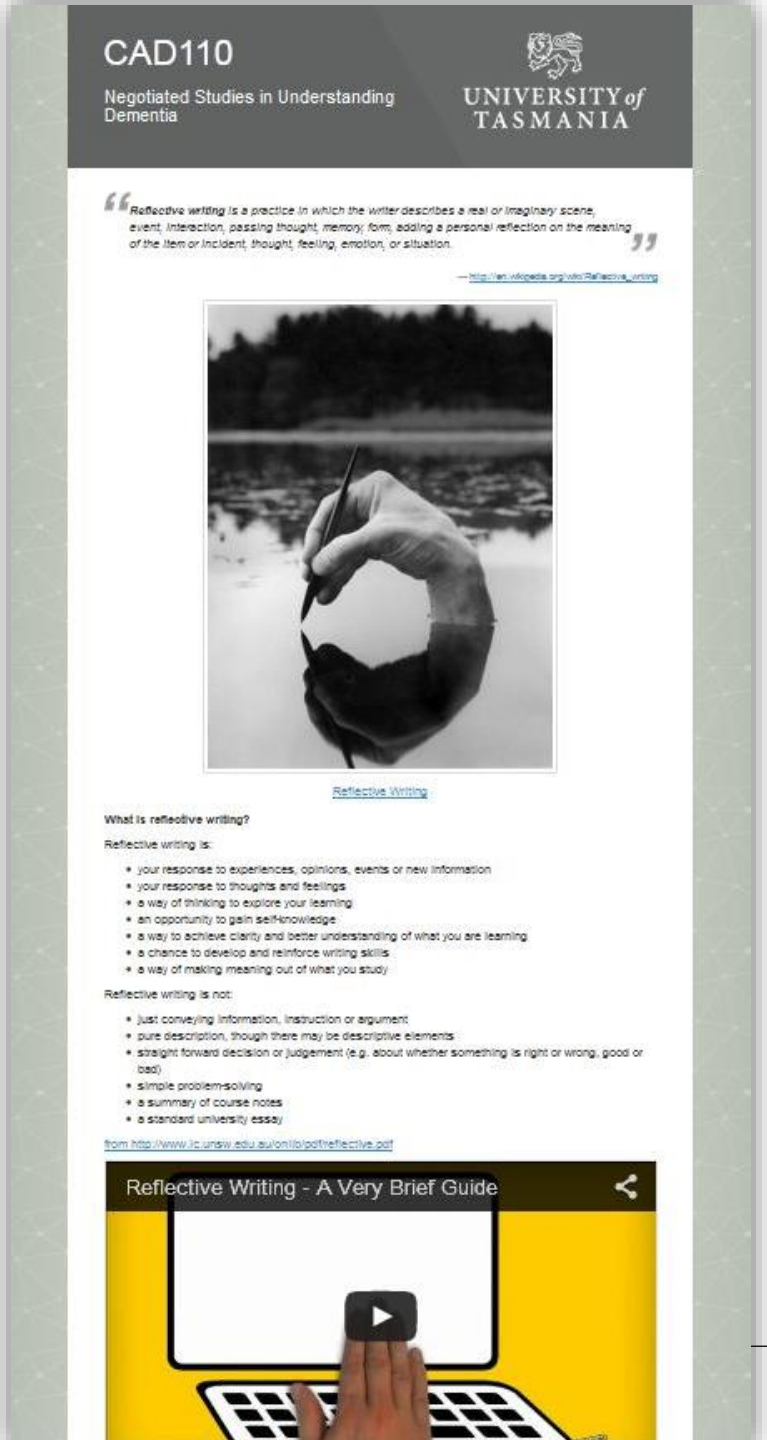
UNIVERSITY of TASMANIA

Broader benefits of the MOOC
A legacy of Understanding Dementia

The Content Template solution

- Originally developed for Understanding Dementia
- An example of benefitting from experimenting with online design and delivery
- Aligns with the UTAS blended learning model
- Proven success (very high MOOC completion rates)





Content Template
What is it, and why use it?

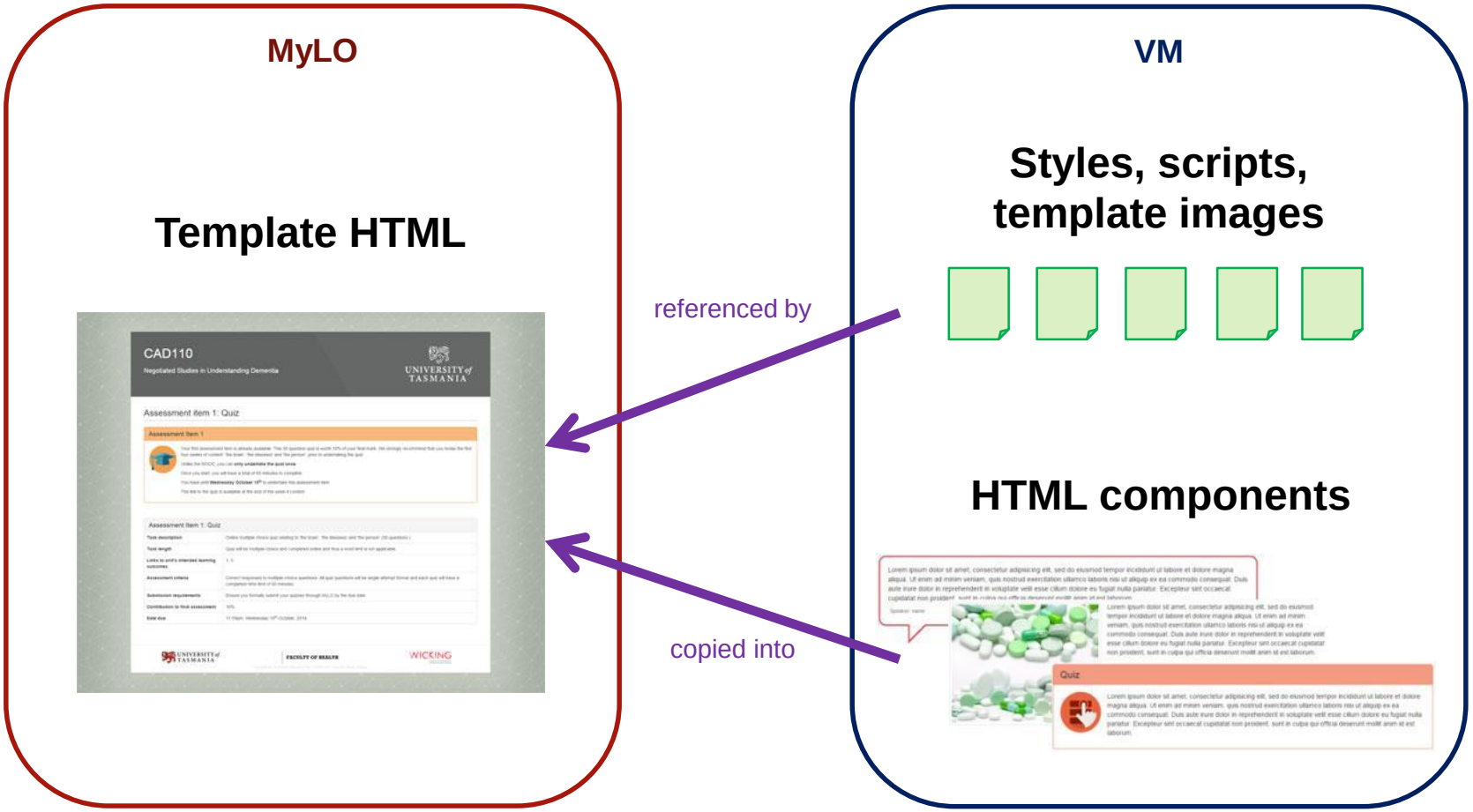
What it is:

- A content solution
- A process for using it
- A collection of web components for presentation and functionality

What it is not:

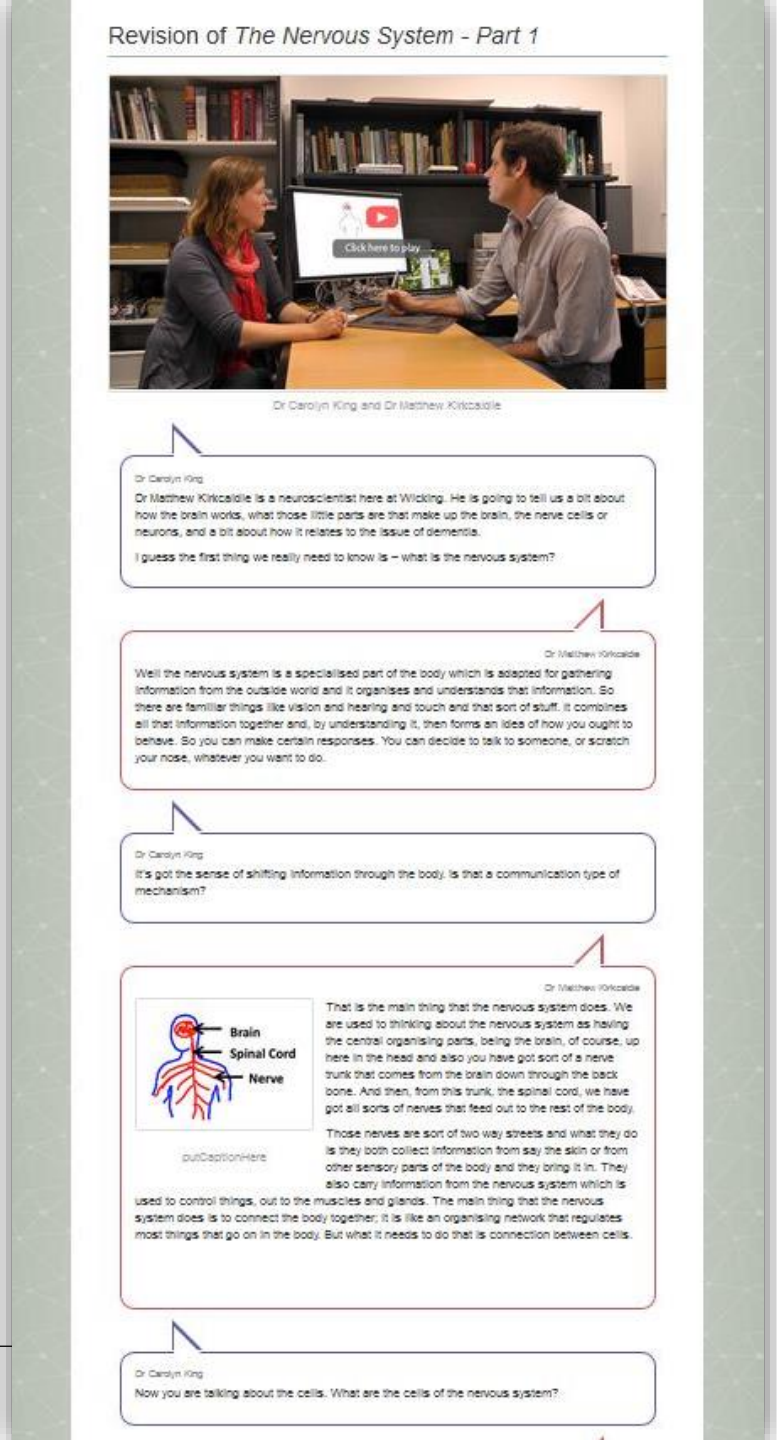
- A whole-of-unit 'template' (i.e. the Minimum Online Presence)
- Merely a webpage layout

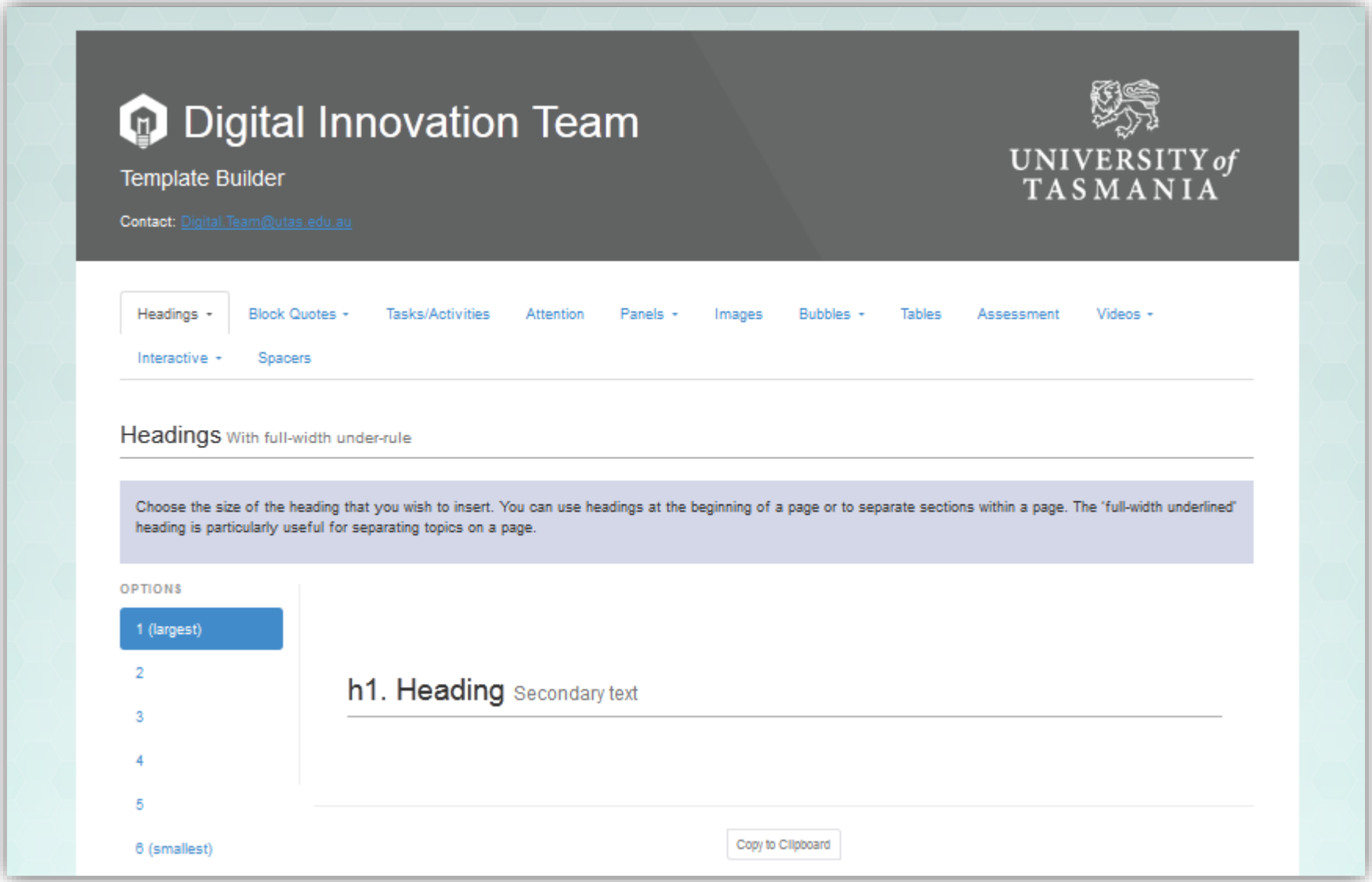
Content Template
Its use in MyLO



Content Template
How to use it

Copy to Clipboard




Digital Innovation Team
Template Builder
Contact: Digital.Team@utas.edu.au
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Headings
Block Quotes
Tasks/Activities
Attention
Panels
Images
Bubbles
Tables
Assessment
Videos
Interactive
Spacers
Headings With full-width under-rule
Choose the size of the heading that you wish to insert. You can use headings at the beginning of a page or to separate sections within a page. The 'full-width underlined' heading is particularly useful for separating topics on a page.
OPTIONS
1 (largest)
2
3
4
5
6 (smallest)
h1. Heading Secondary text
Copy to Clipboard

Calendar

The calendar will help you keep track of key dates.

Activity

General tasks and activities will appear here.

Learning Outcomes

Learning Outcomes are the results and skills you can expect to gain from a unit.

Discussion

MyLO Discussion Forums are a place where you can post comments with your peers.

Quiz

Online quizzes will test your knowledge.

Reading

Your lecturer may prescribe specific readings to support your learning.

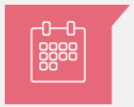
Survey

You may be asked to participate in surveys.

Experiment

You may be asked to conduct an experimental task.

Calendar



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Discussion

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Reflection

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Quiz

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Reading

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Single Question

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Learning Outcomes

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Assessment Item

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Lecture

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Survey

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Experiment

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Thought Tree

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Activity

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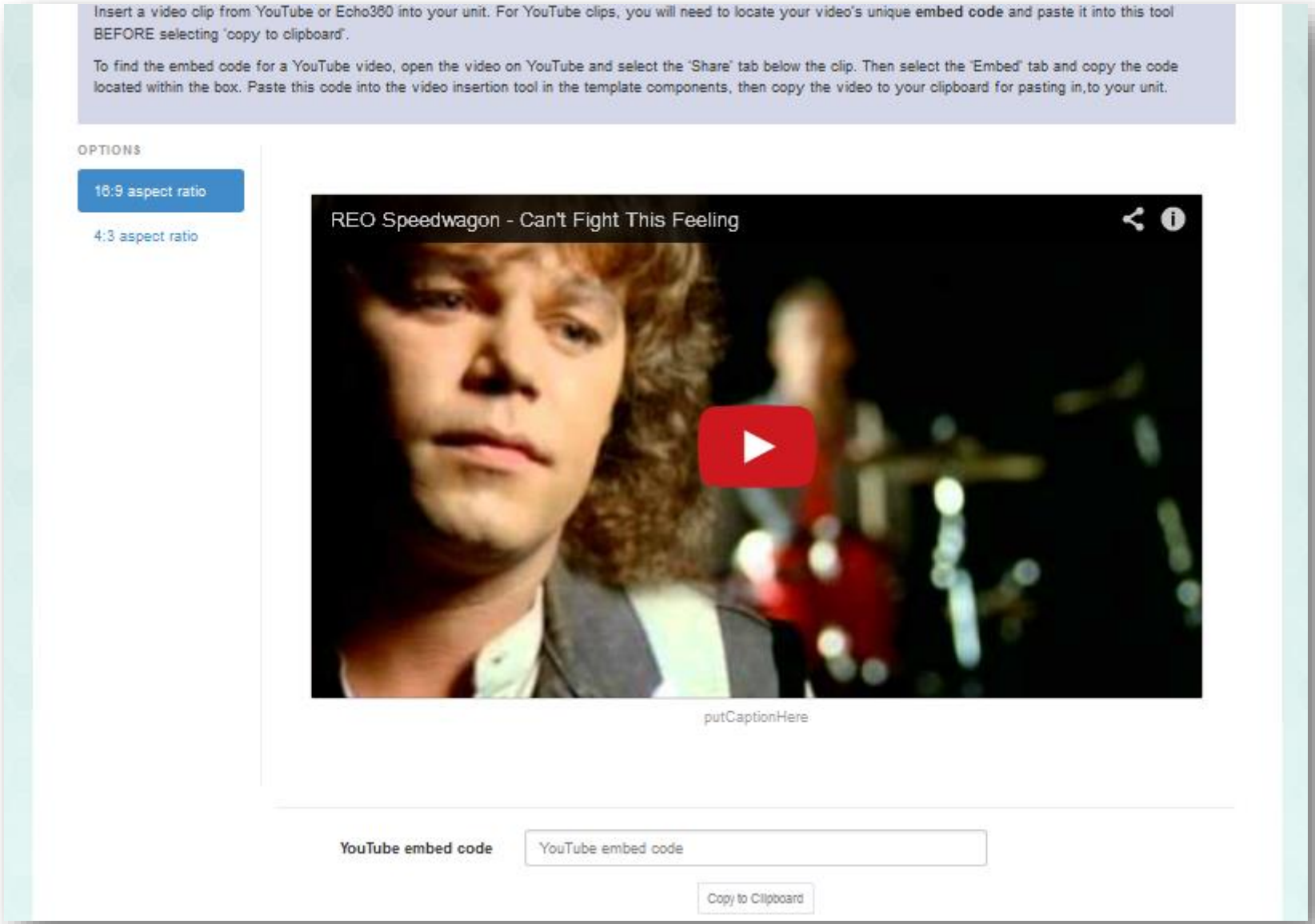

Insert a video clip from YouTube or Echo360 into your unit. For YouTube clips, you will need to locate your video's unique embed code and paste it into this tool BEFORE selecting 'copy to clipboard'.
To find the embed code for a YouTube video, open the video on YouTube and select the 'Share' tab below the clip. Then select the 'Embed' tab and copy the code located within the box. Paste this code into the video insertion tool in the template components, then copy the video to your clipboard for pasting in,to your unit.
OPTIONS
16:9 aspect ratio
4:3 aspect ratio
REO Speedwagon - Can't Fight This Feeling
putCaptionHere
YouTube embed code
YouTube embed code
Copy to Clipboard

> *Health is not valued till sickness comes.*

Thomas Fuller

What do you know about healthy living?

Since this is essentially a unit about health and how it can be improved for individuals, as well as communities, we thought it might be interesting to start with a few health facts.

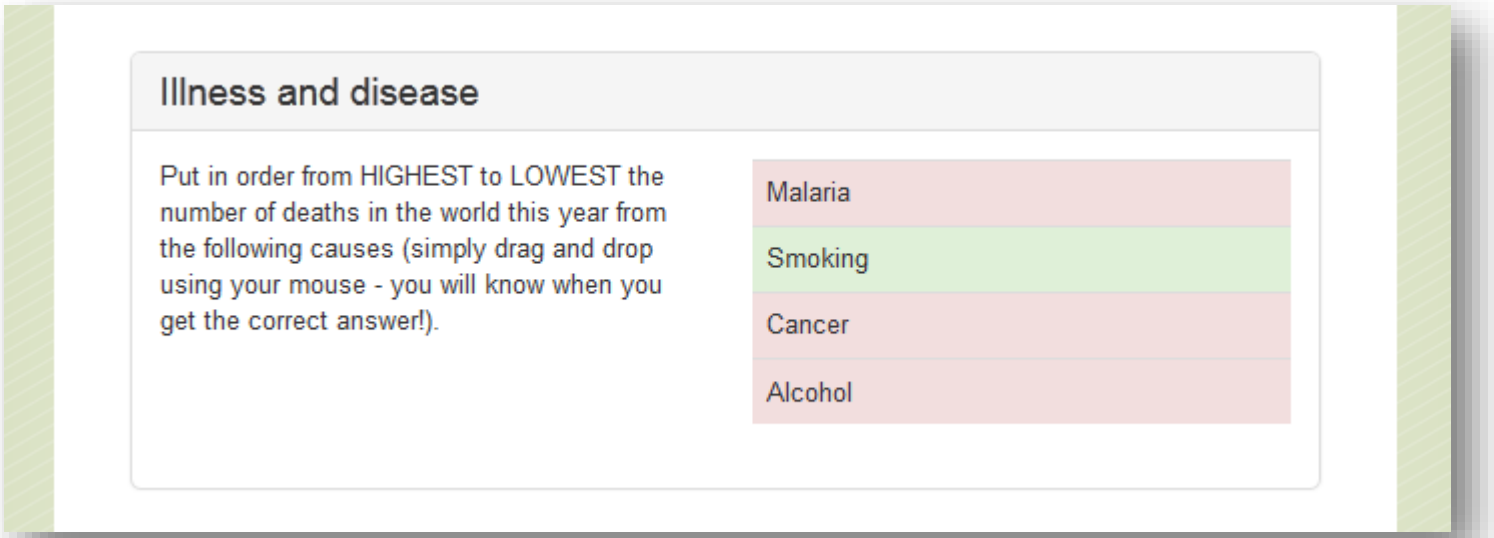
Below are some questions. Have a think about the answers before revealing them. You might be surprised at what you discover!

Food

Are there more overweight or under-nourished people in the world? Select your answer.

Overweight	Under-nourished

Correct! There are currently 1.6 billion overweight people in the world (that's out of a total population of 7.27 billion)


Illness and disease
Put in order from HIGHEST to LOWEST the number of deaths in the world this year from the following causes (simply drag and drop using your mouse - you will know when you get the correct answer!).
Malaria
Smoking
Cancer
Alcohol

Illness and disease
Correct - were there any surprises for you?
Cancer
Smoking
Alcohol
Malaria

Which of the following is likely to be linked to a poor health outcome?
(place each option in either the 'likely' or 'not likely' box)

- High Blood Sugar
- Stressful work environment
- Sedentary Lifestyle
- Drinking 8 glasses of water a day
- Socialising

Likely

- Exercising at least 30 minutes a day
- High Blood Pressure

Not likely

- A balanced diet

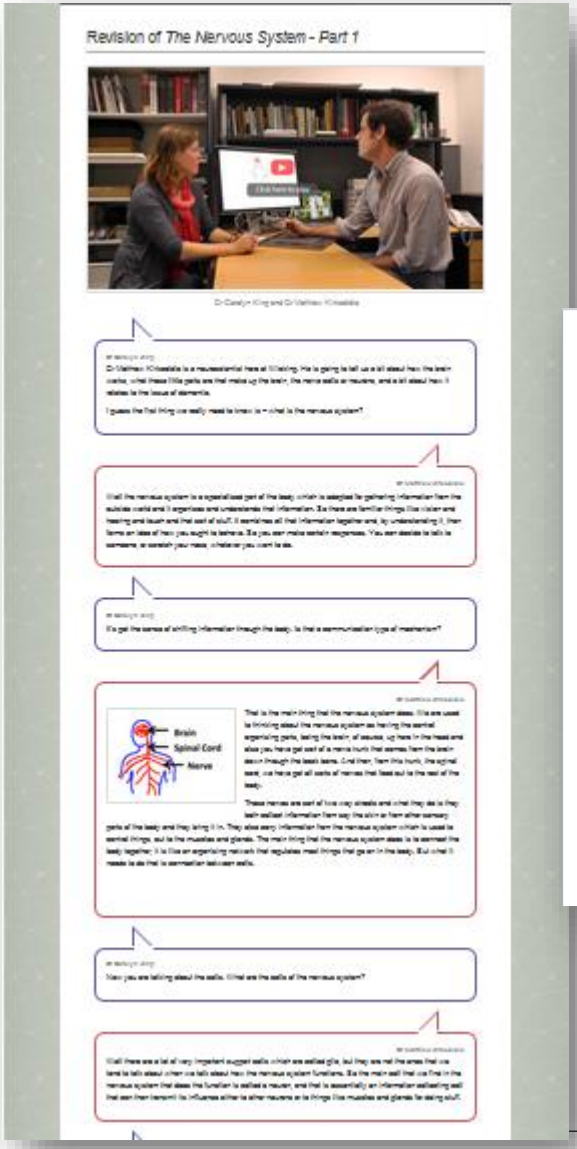
Orange Juice vs. Milk

Which of the following has the most calories?

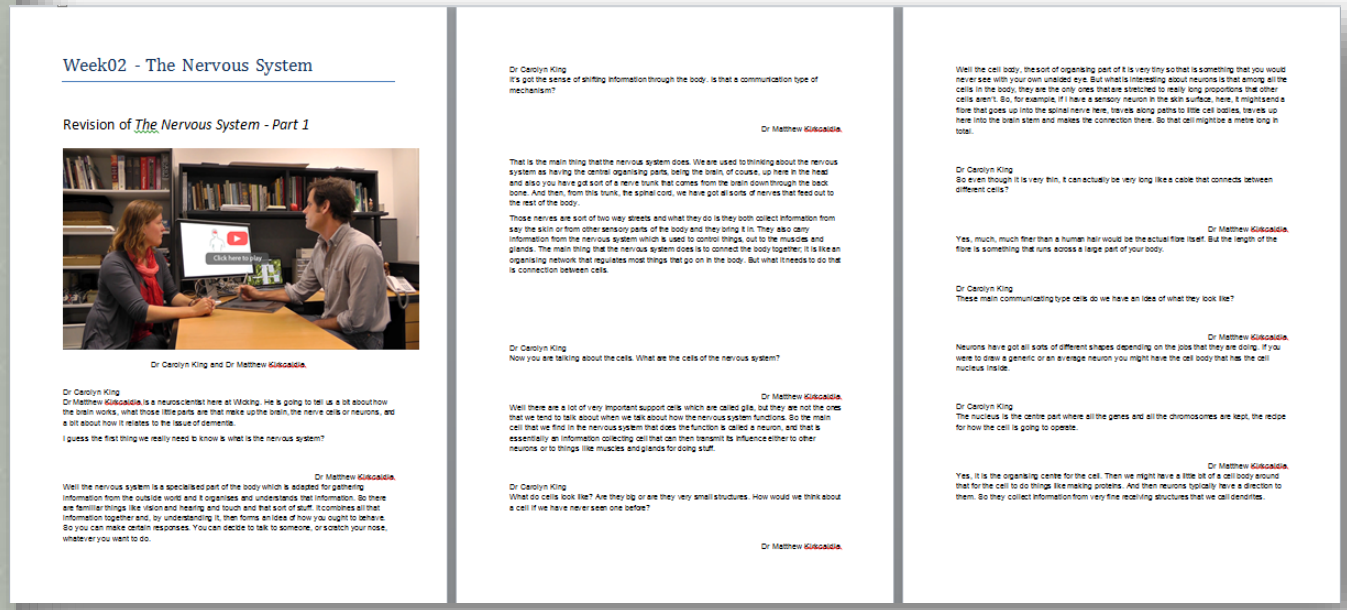
100mL of freshly squeezed orange juice or 100mL of milk? (click on the image to find out)

No. 100ml of freshly squeezed orange juice has **45 calories**. Over 90% of the calories in orange juice are from carbohydrates (sugar).

Content Exporter


Revision of *The Nervous System - Part 1*

Brain
Spinal Cord
Nerve


Week02 - The Nervous System

Revision of *The Nervous System - Part 1*

Dr Carolyn King and Dr Matthew Kirkcaldie

Dr Carolyn King
Dr Matthew Kirkcaldie is a neuroscientist here at Wicking. He is going to tell us a bit about how the brain works, what those little parts are that make up the brain, the nerve cells or neurons, and a bit about how it relates to the issue of dementia.

I guess the first thing we really need to know is what is the nervous system?

Dr Matthew Kirkcaldie
Well the nervous system is a specialised part of the body which is adapted for gathering information from the outside world and it organises and understands that information. So there are familiar things like vision and hearing and touch and that sort of stuff. It combines all that information together and, by understanding it, then forms an idea of how you ought to behave. So you can make certain responses. You can decide to talk to someone, or scratch your nose, whatever you want to do.

Dr Carolyn King
It's got the sense of shifting information through the body. Is that a communication type of mechanism?

Dr Matthew Kirkcaldie
That is the main thing that the nervous system does. We are used to thinking about the nervous system as having the central organising parts, being the brain, of course, up here in the head and also you have got sort of a nerve trunk that comes from the brain down through the back bone. And then, from this trunk, the spinal cord, we have got all sorts of nerves that feed out to the rest of the body.

Those nerves are sort of two way streets and what they do is they both collect information from say the skin or from other sensory parts of the body and they bring it in. They also carry information from the nervous system which is used to control things, out to the muscles and glands. The main thing that the nervous system does is to connect the body together. It is like an organising network that regulates most things that go on in the body. But what it needs to do that is connection between cells.

Dr Carolyn King
Now you are talking about the cells. What are the cells of the nervous system?

Dr Matthew Kirkcaldie
Well there are a lot of very important support cells which are called glia, but they are not the ones that we tend to talk about when we talk about how the nervous system functions. So the main cell that we find in the nervous system that does the function is called a neuron, and that is essentially an information collecting cell that can then transmit its influence either to other neurons or to things like muscles and glands for doing stuff.

Dr Carolyn King
What do cells look like? Are they big or are they very small structures. How would we think about a cell if we have never seen one before?

Dr Matthew Kirkcaldie
Well the cell body, the sort of organising part of it is very tiny so that is something that you would never see with your own unaided eye. But what is interesting about neurons is that among all the cells in the body, they are the only ones that are stretched to really long proportions that other cells aren't. So, for example, if I have a sensory neuron in the skin surface, here, it might send a fibre that goes up into the spinal nerve here, travels along palms to little cell bodies, travels up here into the brain stem and makes the connection there. So that cell might be a metre long in total.

Dr Carolyn King
So even though it is very thin, it can actually be very long like a cable that connects between different cells?

Dr Matthew Kirkcaldie
Yes, much, much finer than a human hair would be the actual fibre itself. But the length of the fibre is something that runs across a large part of your body.

Dr Carolyn King
These main communicating type cells do we have an idea of what they look like?

Dr Matthew Kirkcaldie
Neurons have got all sorts of different shapes depending on the jobs that they are doing. If you were to draw a generic or an average neuron you might have the cell body that has the cell nucleus inside.

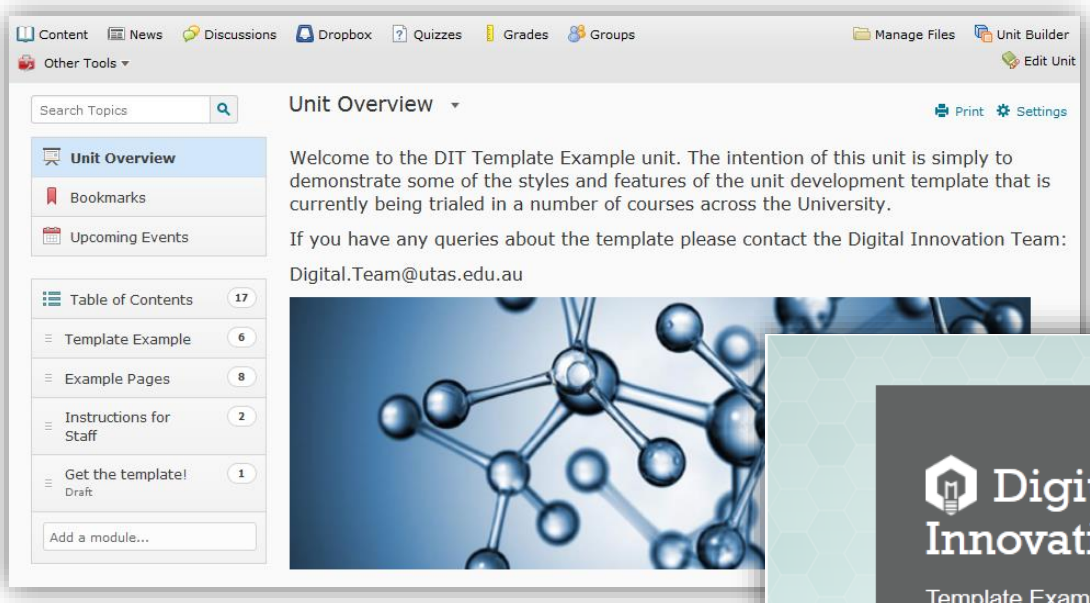
Dr Carolyn King
The nucleus is the centre part where all the genes and all the chromosomes are kept, the recipe for how the cell is going to operate.

Dr Matthew Kirkcaldie
Yes, it is the organising centre for the cell. Then we might have a little bit of a cell body around that for the cell to do things like making proteins. And then neurons typically have a direction to them. So they collect information from very fine receiving structures that we call dendrites.

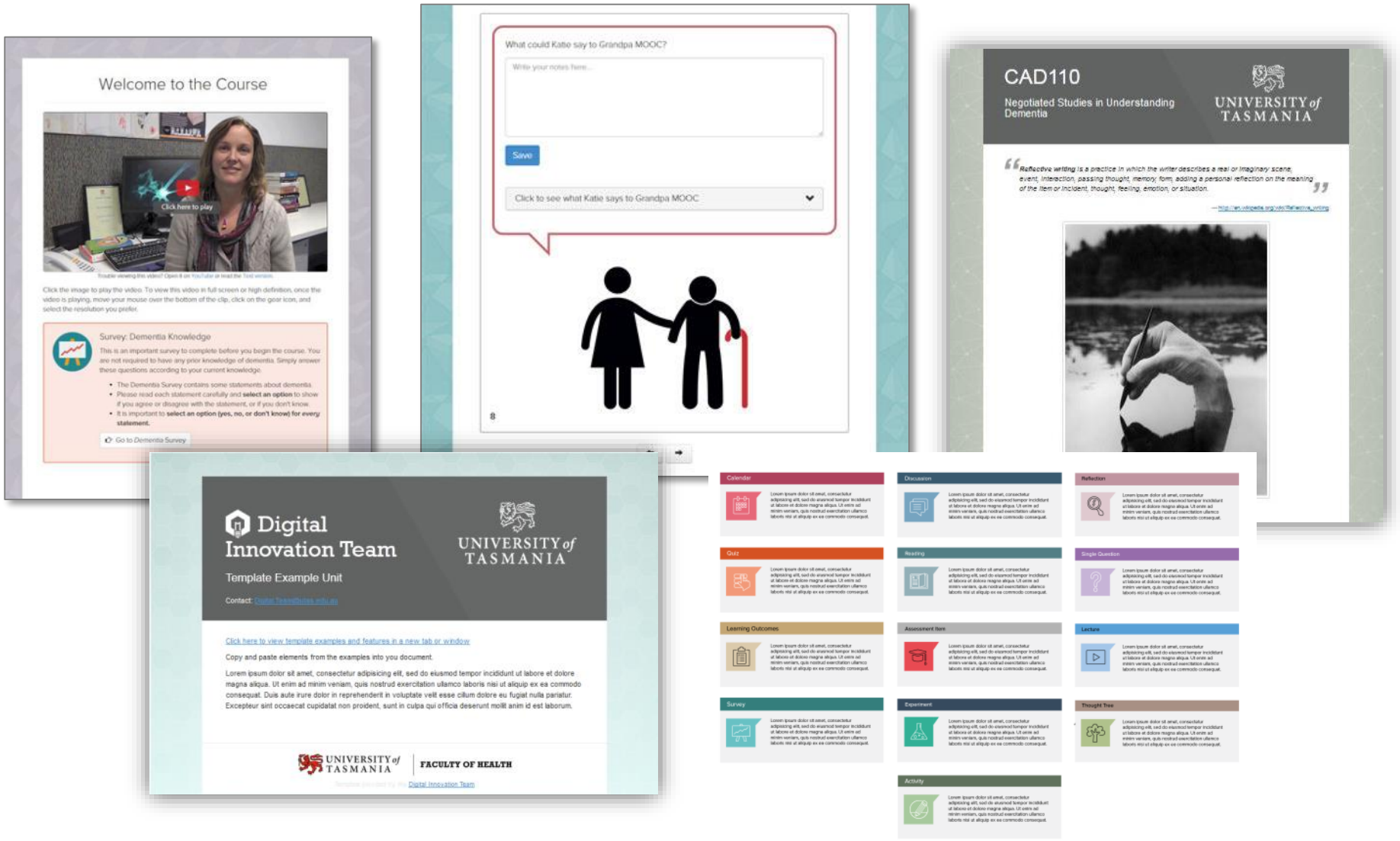
Evaluating the Template solution
For potential broader deployment

Goal	Description
Efficiency and sustainability	Does the system avoid burdensome workloads and improve processes?
Knowledge sharing	Is the system documented well?
Quality and conformance	Does the system work well?
Usability	Is the system easy to use?
Extensibility and scalability	Can the system be deployed more broadly?
Security	Is the system robust?
Accessibility	Is the system able to be used by people with disabilities?

Exemplar unit
Evaluation, engagement and education



Questions?


Welcome to the Course
Click here to play
Survey: Dementia Knowledge
What could Katie say to Grandpa MOOC?
Save
Click to see what Katie says to Grandpa MOOC
CAD110
Negotiated Studies in Understanding Dementia
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Template Example Unit
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