

Why Moodle in Secondary Schools?

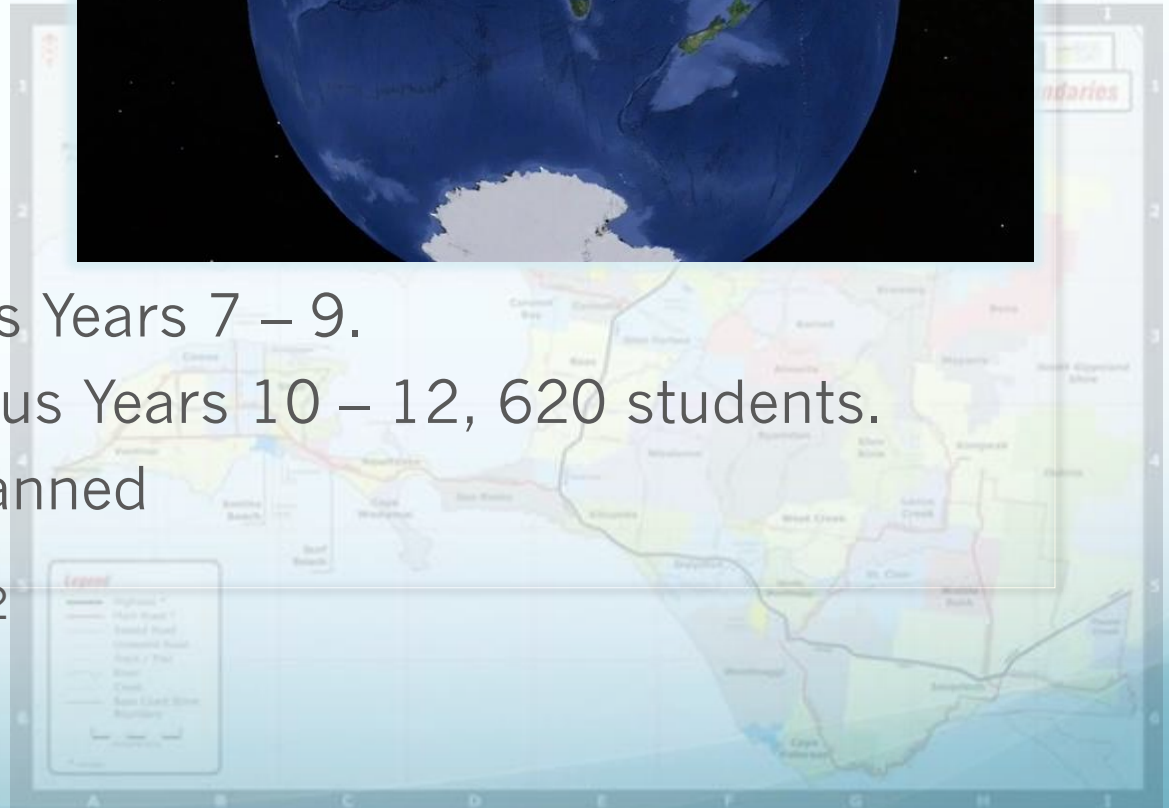
Presentation to the
Moodle MOOT
Melbourne
2nd July 2019

Malcolm Beasley
Learning Specialist, Trainer, Teacher
Wonthaggi Secondary College



Wonthaggi Secondary College and Bass Coast

- 1467 students.
- Wonthaggi SC
- 2 campuses.
 - Dudley campus Years 7 – 9.
 - McBride campus Years 10 – 12, 620 students.
 - 3rd campus planned
- Covers 864 KM²
 - 50 Townships.



A bit of my history 2009 - 2019

| |
|------------------|
| ▸ McBride 2019 |
| ▸ Staff |
| ▸ McBride 2018 |
| ▸ Dudley 2018 |
| ▸ Dudley 2017 |
| ▸ McBride 2017 |
| ▸ McBride 2016 |
| ▸ Dudley 2016 |
| ▸ McBride 2015 |
| ▸ Dudley 2015 |
| ▸ OutReach 2015 |
| ▸ Dudley 2014 |
| ▸ McBride 2014 |
| ▸ Out Reach 2014 |
| ▸ McBride 2013 |
| ▸ Dudley 2013 |
| ▸ McBride 2012 |
| ▸ McBride 2011 |
| ▸ Moodle MOOT |
| ▸ McBride 2010 |
| ▸ McBride 2009 |

1 2 »

- Back in teaching from industry 2009.
- Previous Moodle experience.
- Used my laptop as server.
- Only one using Moodle at WSC until 2013.
- 2019
 - Learning Specialist – new position
 - VCE VET Trainer Certificate III in Creative and Digital Media and Certificate II in Business
 - Year 11 and Year 12 Studio Arts VCE Teacher



Senior Secondary School – Victoria

Victorian Curriculum and Assessment Authority (VCAA)

- The big three ‘V’s
- Victorian Certificate of Education (VCE)
- Victorian Certificate of Applied Learning (VCAL)
- Vocational Education and Training in VCE/VCAL (VCE VET)
 - Available for both VCE and VCAL students
- Year 11 and 12 (16 – 18 years of age)



Differences

- VET available to both streams – many scored programs for VCE
- VCE – Pathway to University – 2 year course
 - Study Scores contribute to Australian Tertiary Achievement Rank (ATAR)
 - Broad general senior education
- VCAL – Pathway to Work, Training, and/or Apprenticeships/Traineeships
 - 2 days a week work
 - Can include School Based Apprenticeships or Traineeships
 - MUST do 90 hours of Vocational Education and Training



2019 experience Combined Classes

- VCE VET Certificate III in Creative and Digital Media (CDM)
- VCE VET Certificate II in Business
- VCE students, Year 11 and 12 –VCAL students, Year 11 and 12 – Integration students – School Support staff. All at the same time in the same classroom
- Outreach students – working from home. (A story spoken in Perth and for another time)

HOW????



Some definitions: Differentiation

- The ability to educate and train students in the same class with differing needs and levels.
- Teachers who differentiate effectively call on information that pinpoints what students know now, and what they are ready to learn next.
- How teachers target their instruction to extend the knowledge and skills of every student in every class, regardless of their starting point



Blended Learning

- Blended learning comes in many shapes and sizes – there is no right way or wrong way,... Each approach is based on the needs of the students, the curriculum and the resources available. [“Blended Learning” Victorian DEET, (2011)]
- ...lead[s] to higher-level and higher order thinking skills... [Pregot, (2013)].



Learning Management Systems (LMS) v Student Management Systems (SMS)

- Large awareness gap in our school regarding the difference.
- Activities in our SMS (Compass) are very simple – upload predominantly.
 - Common Assessment Tasks being built
- Moodle (LMS) allows a vast range of flexible, clear, accessible tasks modified (differentiated) for group, cohort and/or student
 - Assessment and Grades available



Free stuff for Victorian Government Schools

(Paid for by the State Government)

- Google Docs
- ClickView video platform
- Adobe Suite
- Office 365

Paid stuff in Victorian Government Schools

(Paid for by Schools)

- Compass Student Management Software
- Report writing software, Timetabling software etc
- Individual schools choose



Why Moodle?

- Easily set accessibility.
- Ensure all students have an individual pathway.
- Video and direct teacher instruction (blended).
- Sequencing.
- Intensive use of step-by-step videos
 - Clear instruction as to using the videos
 - Success indicators
 - Allows students from all abilities to progress.



How is Moodle the glue?

- Office 365 to save to the cloud, email, Office Docs, collaboration with Teams and Notes
- Compass for marking rolls, Discussing attendance, behavior, report writing and Common Assessment Tasks
- Moodle for course documentation, topics, week-by-week, submissions, progress, assessment, participation logs and many different types of activities.
 - Used across providers including TAFE and DECV.
 - Students knowledge of Moodle use enhances their tertiary experience.

Course categories

McBride 2019 (4)

▶ Year 10

▶ Unit 1/2 (3)

▶ Unit 3/4 (2)

▶ Mathematics

▶ Science (2)

▶ Arts and

▶ Humanities

▶ Technology

▶ VET in Schools (2)

▶ LOTE

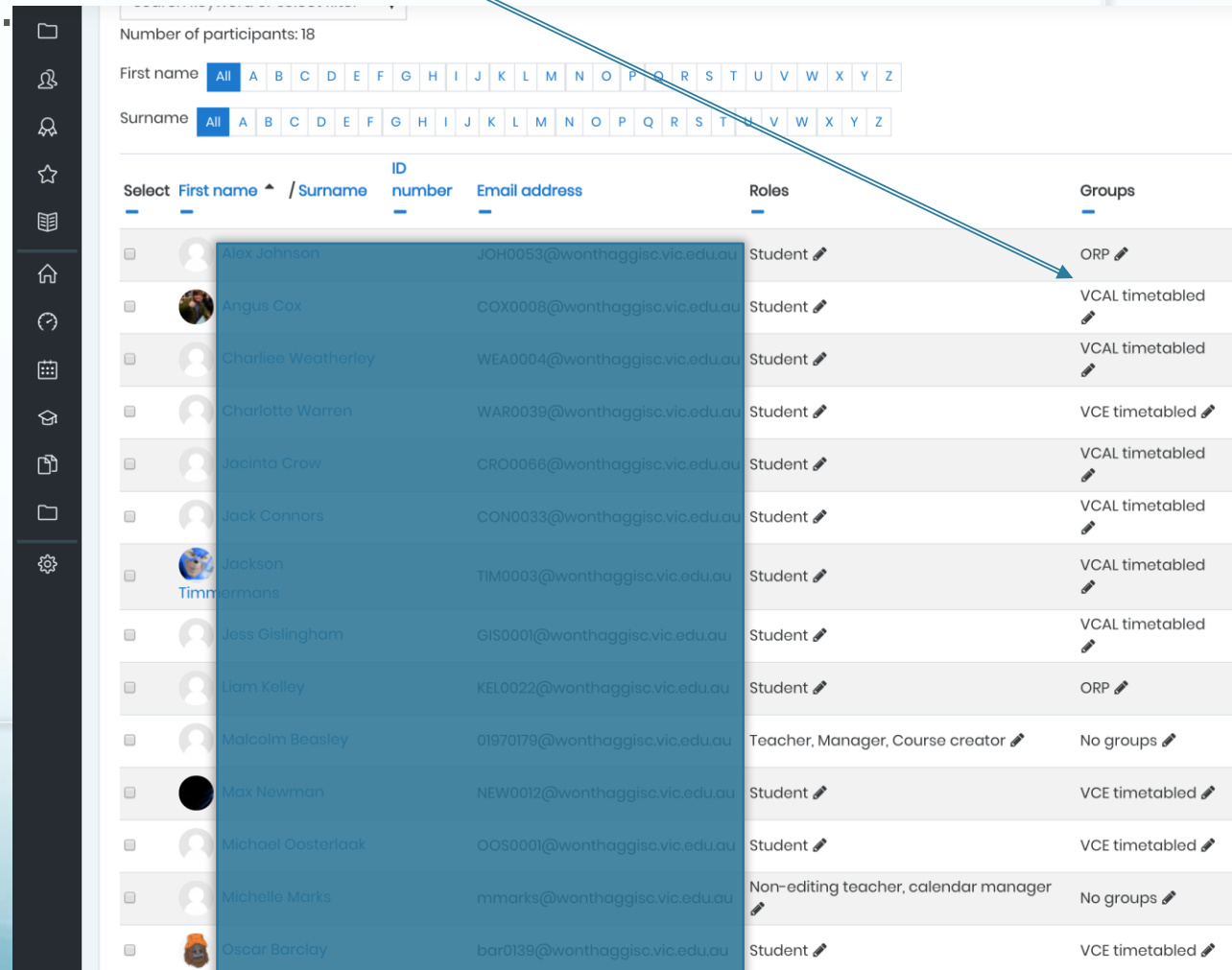
▶ VCAL (1)



Content Examples

relies on groupings

- The magic...
- Access



The screenshot shows a user management interface. On the left is a dark sidebar with icons for folder, people, profile, star, book, home, clock, calendar, graduation cap, document, folder, and settings. The main area has a header 'Number of participants: 18' and two alphabetical filters for 'First name' and 'Surname', both set to 'All'. Below is a table with columns: Select, First name / Surname, ID number, Email address, Roles, and Groups. A blue selection bar highlights the first seven rows of the table. A blue arrow points from the text 'relies on groupings' to the 'Groups' column of the first row.

| Select | First name / Surname | ID number | Email address | Roles | Groups |
|--------------------------|----------------------|-----------|-------------------------|---------------------------------------|-----------------|
| <input type="checkbox"/> | Alex Johnson | JOH0053 | @wonthaggisc.vic.edu.au | Student | ORP |
| <input type="checkbox"/> | Angus Cox | COX0008 | @wonthaggisc.vic.edu.au | Student | VCAL timetabled |
| <input type="checkbox"/> | Charliee Weatherley | WEA0004 | @wonthaggisc.vic.edu.au | Student | VCAL timetabled |
| <input type="checkbox"/> | Charlotte Warren | WAR0039 | @wonthaggisc.vic.edu.au | Student | VCE timetabled |
| <input type="checkbox"/> | Jacinta Crow | CRO0066 | @wonthaggisc.vic.edu.au | Student | VCAL timetabled |
| <input type="checkbox"/> | Jack Connors | CON0033 | @wonthaggisc.vic.edu.au | Student | VCAL timetabled |
| <input type="checkbox"/> | Jackson Timmermans | TIM0003 | @wonthaggisc.vic.edu.au | Student | VCAL timetabled |
| <input type="checkbox"/> | Jess Gislingham | GIS0001 | @wonthaggisc.vic.edu.au | Student | VCAL timetabled |
| <input type="checkbox"/> | Liam Kelley | KEL0022 | @wonthaggisc.vic.edu.au | Student | ORP |
| <input type="checkbox"/> | Malcolm Beasley | 01970179 | @wonthaggisc.vic.edu.au | Teacher, Manager, Course creator | No groups |
| <input type="checkbox"/> | Max Newman | NEW0012 | @wonthaggisc.vic.edu.au | Student | VCE timetabled |
| <input type="checkbox"/> | Michael Oosterlaack | OOS0001 | @wonthaggisc.vic.edu.au | Student | VCE timetabled |
| <input type="checkbox"/> | Michelle Marks | mmarks | @wonthaggisc.vic.edu.au | Non-editing teacher, calendar manager | No groups |
| <input type="checkbox"/> | Oscar Barclay | bar0139 | @wonthaggisc.vic.edu.au | Student | VCE timetabled |



Intermediate VCAL CDM Year 1

- Partial Certificate III Program
- 3 periods a week

CUA31015 Certificate III in Screen and Media Year 1 2019

Home My courses CUA31015 Certificate III in Screen and Media Year 1 2019

Welcome to Screen and Media Your progress

► Open all ▼ Close all

Instructions: Clicking on the section name will show / hide the section.

| | | |
|---|---|---------|
| 2 | ► Headstart Flash Face VCAL and VCE students | Topic 2 |
| 5 | ► Photoshop Slices. VCAL and VCE students | Topic 5 |
| 6 | ► OHS for kiddies website and animation VCAL and VCE students | Topic 6 |
| 9 | ▼ The Great Flash AS3 IOS/Android Game project. | Topic 9 |

Platform game blank ☐

Your game narrative. ☐

game intro 2018 ☐
Uploaded 24/04/18, 11:52

Platform Game Step 1 the blank and the hero ☐
248.7MB

Platform Game Step 2 how the game play works ☐
73.4MB

Platform Game Step 3 - the platform and enemies ☐
119.4MB

Platform Game Scripting Video 1 Step 4 ☐
112.2MB

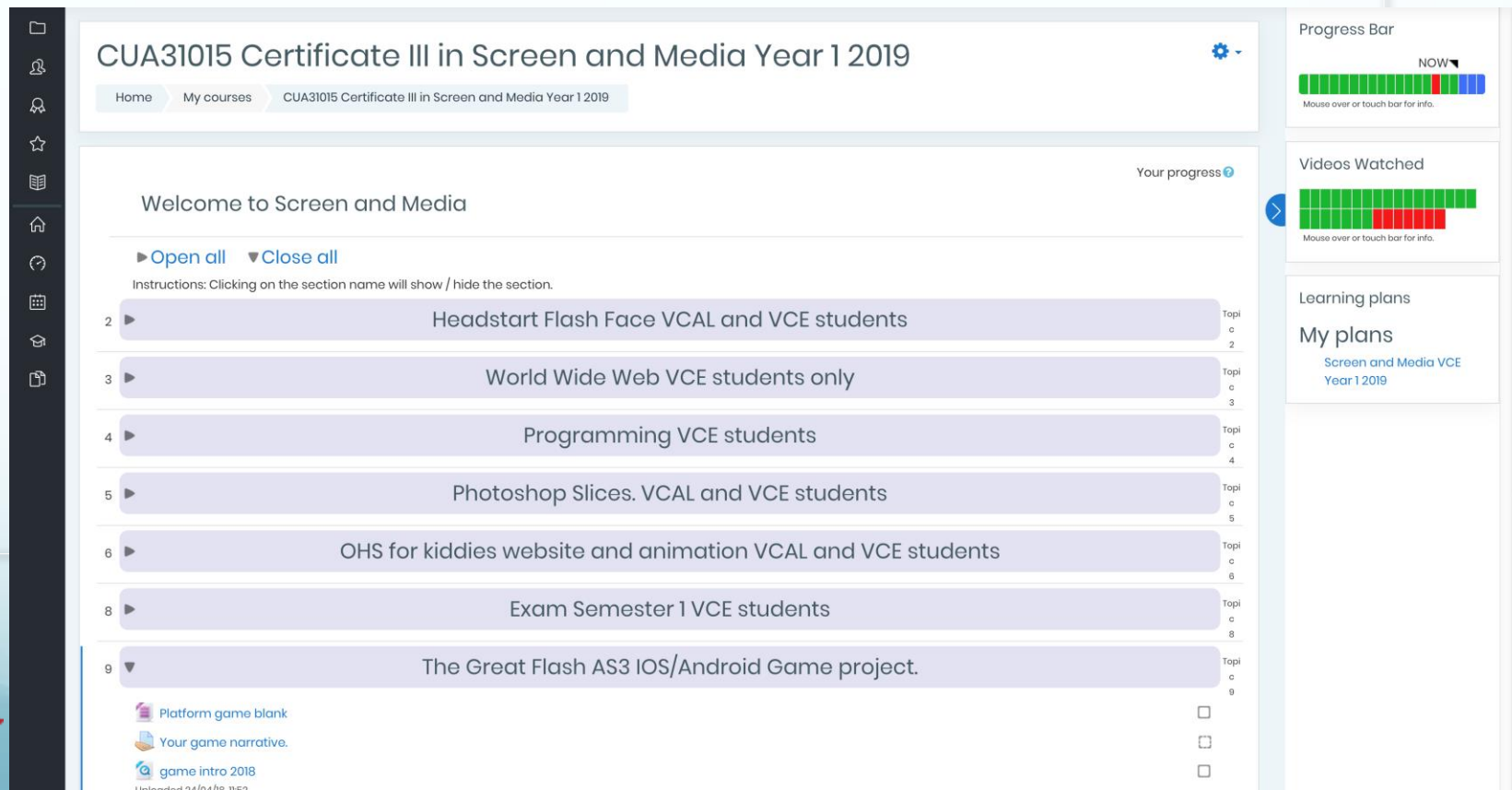
Progress Bar

NOW

Videos Watched

VCE Year 11 CDM Year 1

- Full Certificate III program
- 1st year. 5 periods a week.



CUA31015 Certificate III in Screen and Media Year 1 2019

Home My courses CUA31015 Certificate III in Screen and Media Year 1 2019

Welcome to Screen and Media

► Open all ▼ Close all

Instructions: Clicking on the section name will show / hide the section.

| Section | Section Name | Topi |
|---------|---|------|
| 2 | Headstart Flash Face VCAL and VCE students | c 2 |
| 3 | World Wide Web VCE students only | c 3 |
| 4 | Programming VCE students | c 4 |
| 5 | Photoshop Slices. VCAL and VCE students | c 5 |
| 6 | OHS for kiddies website and animation VCAL and VCE students | c 6 |
| 8 | Exam Semester 1 VCE students | c 8 |
| 9 | The Great Flash AS3 IOS/Android Game project. | c 9 |

Platform game blank
Your game narrative.
game intro 2018
Unloaded 24/04/18 11:52

Progress Bar

NOW

Videos Watched

Learning plans

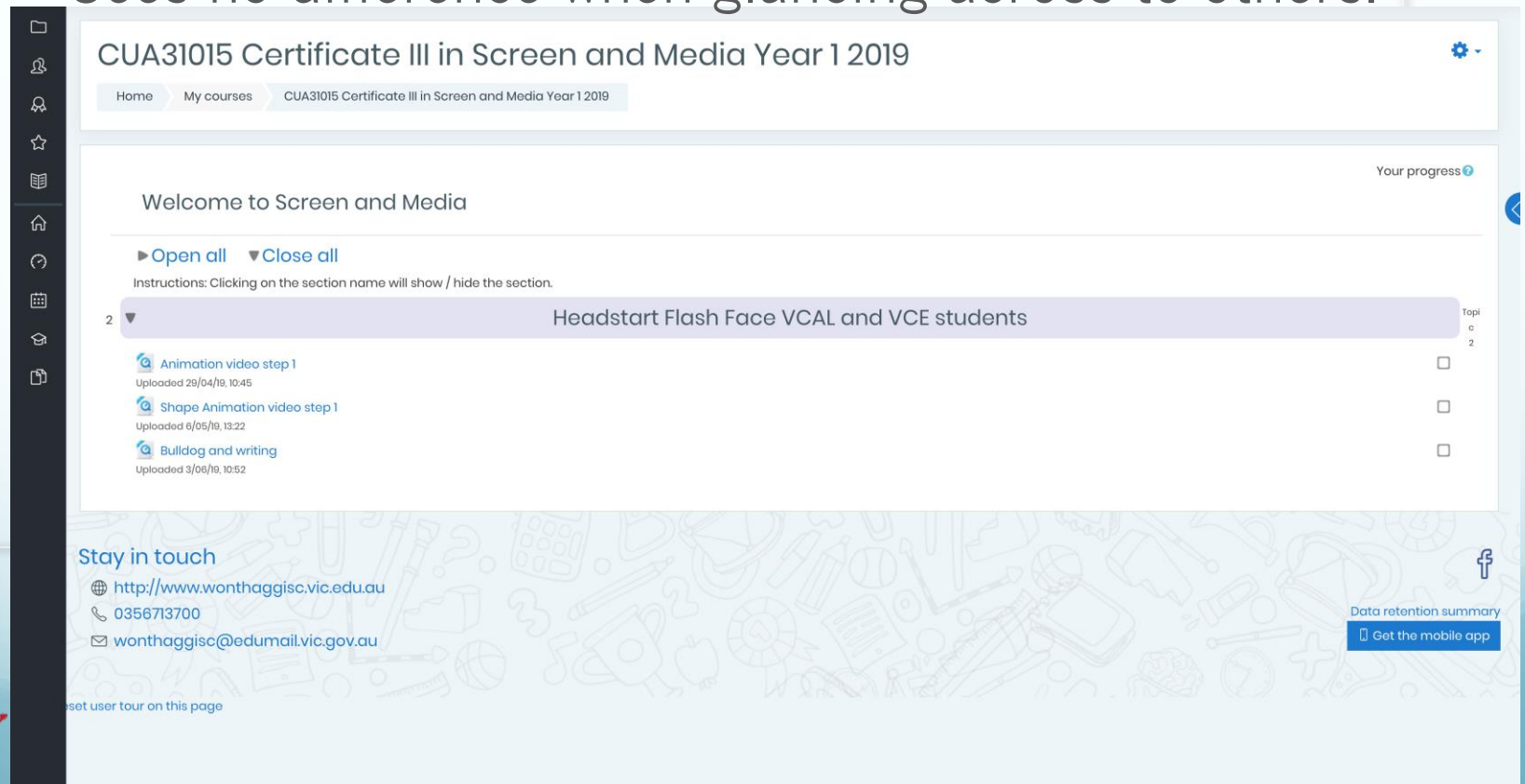
My plans

Screen and Media VCE
Year 1 2019



Special Needs CDM VCAL Year 1

- Motor skill
- Computer literacy
- Sees no difference when glancing across to others.



CUA31015 Certificate III in Screen and Media Year 1 2019

Home My courses CUA31015 Certificate III in Screen and Media Year 1 2019

Welcome to Screen and Media

Your progress ?

► Open all ▼ Close all

Instructions: Clicking on the section name will show / hide the section.

2 ▼ Headstart Flash Face VCAL and VCE students Topic 2

- Animation video step 1
Uploaded 29/04/19, 10:45 ☐
- Shape Animation video step 1
Uploaded 6/05/19, 13:22 ☐
- Bulldog and writing
Uploaded 3/06/19, 10:52 ☐

Stay in touch

http://www.wonthaggisc.vic.edu.au
0356713700
wonthaggisc@edumail.vic.gov.au

Get the mobile app

set user tour on this page



VCAL Year 1 - Business

- Same room, same time, 3 periods a week.
- Different Course

Now: Read the [competencies we are going to cover](#) page and answer the "What does competency mean?" task.

- [Competencies we are going to cover](#)
- [What does competency mean?](#)
- [Using Office365 OneDrive for all storage of files from now on.](#)
Uploaded 4/02/19, 08:43

This video shows how to use OneDrive App on a Mac to synchronise your cloud files. Please use OneDrive from now on.

► [Open all](#) ▼ [Close all](#)

Instructions: Clicking on the section name will show / hide the section.

| | | | |
|----|---|---|----------|
| 1 | ► | Business Technology and OH&S | Topic 1 |
| 2 | ► | Electronic Communication | Topic 2 |
| 3 | ► | You and Your Finances | Topic 3 |
| 4 | ► | Excel Spreadsheets. | Topic 4 |
| 5 | ► | The Cloud and Google | Topic 5 |
| 6 | ► | Tax and small business | Topic 6 |
| 7 | ► | Pay, wages, minimum conditions and business | Topic 7 |
| 8 | ► | Office documents and processes | Topic 8 |
| 10 | ► | Major Project | Topic 10 |

Progress Bar

Mouse over or touch bar for info.

Video files watched

NOW

Mouse over or touch bar for info.

Search forums

[Go](#)

[Advanced search](#)

Online users

No online users (last 5 minutes)

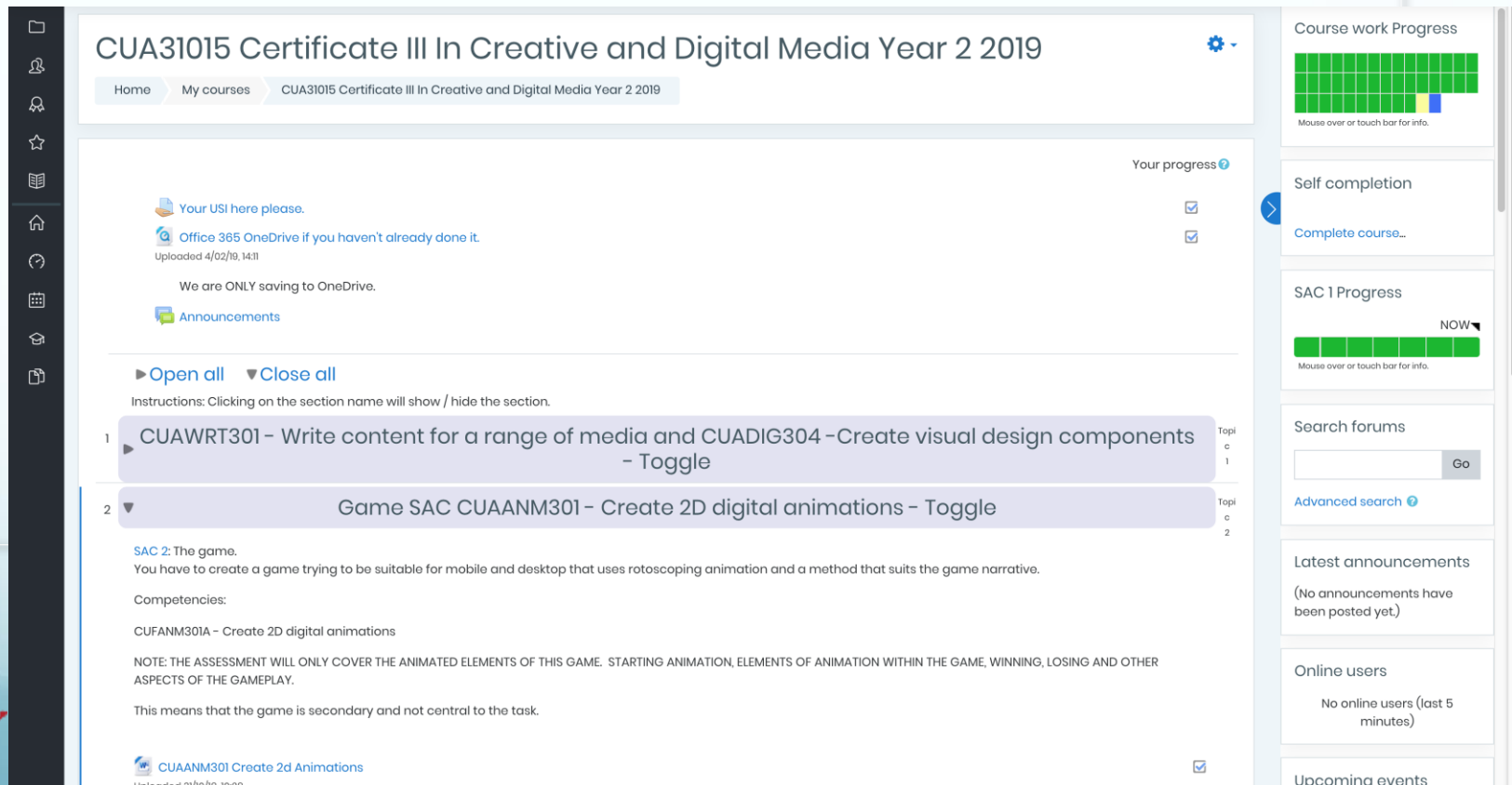
Upcoming events

- [SCHOOL HOLIDAYS Today, \[\[strftimetime2\]\]](#)
- [SCHOOL HOLIDAYS Tomorrow, \[\[strftimetime2\]\]](#) ► [[strftimetime2]]
- [SCHOOL HOLIDAYS Tuesday, 2 July, \[\[strftimetime2\]\]](#) ► [[strftimetime2]]



VCE CDM Year 12 - Year 2

- Same Room 5 periods a week
 - Different course in Moodle
 - SACs – Study Score



CUA31015 Certificate III In Creative and Digital Media Year 2 2019

Home My courses CUA31015 Certificate III In Creative and Digital Media Year 2 2019

Your progress

Your USI here please.

Office 365 OneDrive if you haven't already done it.
Uploaded 4/02/19, 14:11

We are ONLY saving to OneDrive.

Announcements

► Open all ▼ Close all

Instructions: Clicking on the section name will show / hide the section.

1 CUAWRT301 – Write content for a range of media and CUADIG304 – Create visual design components – Toggle

2 Game SAC CUAANM301 – Create 2D digital animations – Toggle

SAC 2: The game.
You have to create a game trying to be suitable for mobile and desktop that uses rotoscoping animation and a method that suits the game narrative.

Competencies:

CUFANM301A – Create 2D digital animations

NOTE: THE ASSESSMENT WILL ONLY COVER THE ANIMATED ELEMENTS OF THIS GAME. STARTING ANIMATION, ELEMENTS OF ANIMATION WITHIN THE GAME, WINNING, LOSING AND OTHER ASPECTS OF THE GAMEPLAY.

This means that the game is secondary and not central to the task.

CUAANM301 Create 2d Animations
Uploaded 31/01/19, 10:28

Course work Progress

Mouse over or touch bar for info.

Self completion

Complete course...

SAC 1 Progress

NOW

Mouse over or touch bar for info.

Search forums

Go

Advanced search

Latest announcements

(No announcements have been posted yet.)

Online users

No online users (last 5 minutes)

Upcoming events



Senior CDM VCAL (Year 12)

- Same Room 5 periods a week
- Different Course

Certificate III in Creative and Digital Media Senior VCAL 2019

Home My courses Certificate III in Creative and Digital Media Senior VCAL 2019

Welcome to Screen and Media

Announcements

Office 365 OneDrive
Uploaded 1/02/19, 08:40

We are NOT using the network drive for anything this year. You MUST use your Office 365 OneDrive. Remember your login is your networkcode@wonthaggisc.vic.edu.au with your network password. Follow the video.

► Open all ▼ Close all

Instructions: Clicking on the section name will show / hide the section.

| | | |
|----|----------------------------------|----------|
| 1 | Units of competence - Toggle | Topic 1 |
| 5 | Rotoscoping Senior VCAL - Toggle | Topic 5 |
| 13 | Frogger... - Toggle | Topic 13 |

Stay in touch

http://www.wonthaggisc.vic.edu.au
0356713700
wonthaggisc@edumail.vic.gov.au

Data retention summary
Get the mobile app

Progress Bar
NOW
Mouse over or touch bar for info.

Learning plans
My plans
Screen and Media Year 1 VCAL

Search forums
Go
Advanced search

Latest announcements
(No announcements have been posted yet.)

Upcoming events
SCHOOL HOLIDAYS
Today, [[strftimetime12]] »
SCHOOL HOLIDAYS
Tomorrow, [[strftimetime12]] »
SCHOOL HOLIDAYS
Wednesday, 3 July, [[strftimetime12]] »

Example video - Business

The screenshot displays a video player interface with a list of topics on the left and a video player window on the right. A blue arrow points from the title 'Example video - Business' to the 'Tax and small business' topic in the list.

Topics List:

- 2 ▶ Electronic Communication
- 3 ▶ You and Your Finances
- 4 ▶ Excel Spreadsheets.
- 5 ▶ The Cloud and Google
- 6 ▼ Tax and small business

Video Player Window:

QuickTime Player File Edit View Window Help

Google

https://www.google.com.au/webhp?tab=ow&ei=QTaEV6DxKsaj0gSc8lVY&ved=0EKkuCAQoAQ

Search

Most Visited evidence Getting Started Plex Overview of stude... WebHost Manager... Why Vote? antibully flappybirdxcode The Age usage Plex It!

Gmail Images

Google Australia

Google Search I'm Feeling Lucky

Advertising Business About Privacy Terms Settings

Additional Information:

- Video Google Sheets gst Budget and chart
- Uploaded 12/07/16, 10:49
- Step by step
- Google Docs GST chart from Google Sheets business

Stay in touch

<http://www.wonthaggi.vic.edu.au>



Example Year 11 CDM VCE/VCAL

Instructions: Clicking on the section name will show / hide the section.

1 ▶ Units of competence

2 ▶ Headstart Flash Face VCAL and VCE students

3 ▶ World Wide Web VCE students only

4 ▶ Programming VCE students

5 ▼ Photoshop Slices. VCAL and VCE students

Restricted

Not available unless: Your Email address does not contain @IS0001 (hidden otherwise)

OHS issues with computers. Website for Kids

Safe@work video

Upload your Safe@ Work certificate for the ICT industry

What OHS things are you going to cover?

Step 1 OHS Rollovers

Step 2 OHS rollovers

Step 3 OHS Rollovers - using divs instead of table

Step 4 OHS rollovers into unordered lists

Step 5 Google Fonts

Upload your photoshop, html and css rollover here

6 ▶ OH

7 ▶

ScreenRecorder

3.05 GB Free

Thu 1:36 pm

Malcolm Beasley

Course: Certificate III in Media Production

Office and Business Services

Self Assessment Tests

Channel 1 - Videos Main

Team wonthaggi.vic.edu.au/course/view.php?id=1040

Most Viewed

Australian Taxation

Home

Compass Student Management

College Email System for Students

College website

College Homework Policy

English (en)

Malcolm Beasley

Student

Navigation

Administration

Digital Learning@Wonthaggi Secondary College

Home ▶ McBride 2015 ▶ VET in Schools (NETS) ▶ Certificate III in Media (Interactive Digital Media)

PROGRESS BAR

NOW

Mouse over icon for info.

ONLINE USERS

(last 5 minutes)

None

Welcome to Interactive Digital Media

Open all

Close all

Instructions: Clicking on the section name will show / hide the section.

Topic 1

Topic 2

Topic 3

Topic 4

Topic 5

Topic 6

Topic 7

Topic 8

Topic 9

Rotoscoping - Headstart

Flash Face

Frogger...

World Wide Web

Photoshop Slices.

The Great Flash AS3 IOS/Android Game project.

OHS issues with computers. Website for Kids

What OHS things are you going to cover?

Upload your Safe@ Work certificate for the ICT industry.

Safe@work video

SEARCH FORUMS

Go

Advanced search

UPCOMING EVENTS

Upload your flowchart

Thursday, 12:00 AM

Upload your Safe@ Work certificate for the ICT industry.

Thursday, 4 June, 12:00 AM

What OHS things are you going to cover?

Wednesday, 20 July, 12:15 PM

Go to calendar...

New event...

RECENT ACTIVITY

Activity since Wednesday, 27 May 2015, 9:07 AM

Full report of recent activity...

COURSE UPDATES:

Updated Assignment


What OHS things are you going to cover?

Deleted Assignment

Deleted Page

Deleted Assignment

Added Assignment



Example CDM Year 12 VCE

The screenshot shows a VCE CDM Year 12 course page. At the top, there is a notification about Office 365 OneDrive and a section for announcements. Below this, there are two expandable sections: 'CUAWRT301 - Write content for a range of media and CUADIG304 - Create visual design components - Toggle' and 'Game SAC CUAANM301 - Create 2D digital animations - Toggle'. The 'Game SAC CUAANM301' section is expanded, showing a description of the game, competencies, and a list of resources. A blue arrow points from the top right towards the resource link 'CUAANM301 Create 2d Animations' in the list. The right sidebar shows a list of course updates and recent activity.

Hidden from students

Office 365 OneDrive if you haven't already done it.
Uploaded 4/02/18, 14:31

We are ONLY saving to OneDrive.

Announcements

► Open all ▼ Close all

Instructions: Clicking on the section name will show / hide the section.

1 ► CUAWRT301 - Write content for a range of media and CUADIG304 - Create visual design components - Toggle

2 ▼ Game SAC CUAANM301 - Create 2D digital animations - Toggle

SAC 2: The game.
You have to create a game trying to be suitable for mobile and desktop that is a 2D digital animation and a game that is a 2D digital animation.

Competencies:

CUFANM301A - Create 2D digital animations

NOTE: THE ASSESSMENT WILL ONLY COVER THE ANIMATED ELEMENTS OF THE GAME.

This means that the game is secondary and not central to the task.

CUAANM301 Create 2d Animations
Uploaded 31/10/18, 10:28

Sequence of Development

The Sequence to complete the SAC and resources

Brainstorm your game.

Pick three online games and assess their suitability

What is your Narrative?

Your game influences

Sac Proposal

design, rule of thirds, golden spiral video

CUFANM301A - Create 2D digital animations and CUADIG302A - Author interactive sequences - Toggle

CUFANM301A - Create 2D digital animations and CUADIG302A - Author interactive sequences

Pick three online games and assess their suitability

CUFANM301A Create 2D digital animations

CUADIG302A Author interactive sequences

Your game influences

What is your Narrative?

Previous student examples

storyboard1

storyboard2

storyboard3

storyboard4

storyboard

design, rule of thirds, golden spiral

Sample storyboards

Wireframe examples

Wireframe mockups

Game chart with instructions

Sequence of Development

SAC 2

Go to calendar...
New event...

RECENT ACTIVITY
Activity since Tuesday, 19 May 2015, 12:13 PM
Full report of recent activity...

COURSE UPDATES:

Updated URL
Wireframe examples

Updated URL
Wireframe mockups

Updated File
Game chart with instructions

Added Page
Sequence of Development

Not available

Not available

Worthagga Secondary College | Education Department | Compass Student Management
You are logged in as Malcolm Beasley (Student (Return to my normal role))
Home

Example CDM Special Needs

The image displays a Moodle course interface for 'CUA31015 Certificate III in Screen and Media Year 1 2019'. The course page includes a sidebar with navigation icons, a breadcrumb trail (Home > My courses > CUA31015 Certificate III in Screen and Media Year 1 2019), and a 'Welcome to Screen and Media' message. A list of resources is shown, including 'Animation video step 1' (uploaded 29/04/19, 10:45), 'Shape Animation video step 1' (uploaded 6/05/19, 13:22), and 'Bulldog and writing' (uploaded 3/06/19, 10:52). A blue arrow points from the title 'CUA31015 Certificate III in Screen and Media Year 1 2019' to the 'Bulldog and writing' resource. Overlaid on the bottom right is a Safari browser window showing the Google homepage, with the address bar displaying 'www.google.com/client=safari'. The browser's address bar also shows a list of bookmarks, including 'Install Ngix...rdmen's Notes', 'Australian Ta...tal - Welcome', 'My Asian Gro...Order Status', 'Student List...oogle Sheets', 'ExternalPlex', 'impacthost.com.au', 'Home | Compass', 'Plex | Plex It!', 'NetBank - Lo...wealth Bank', 'chisholm portal', 'Strata Markbook', and 'The Age'. The Google homepage features the Google logo, a search bar, and buttons for 'Google Search' and 'I'm Feeling Lucky'. The browser's status bar at the bottom shows 'Australia', 'Advertising', 'Business', 'Privacy', 'Terms', and 'Settings'.

CUA31015 Certificate III in Screen and Media Year 1 2019

Home My courses CUA31015 Certificate III in Screen and Media Year 1 2019

Welcome to Screen and Media

► Open all ▼ Close all

Instructions: Clicking on the section name will show / hide the section.

2 ▼

Animation video step 1
Uploaded 29/04/19, 10:45

Shape Animation video step 1
Uploaded 6/05/19, 13:22

Bulldog and writing
Uploaded 3/06/19, 10:52

Stay in touch

http://www.wonthaggisc.vic.edu.au

0356713700

wonthaggisc@edumail.vic.gov.au

set user tour on this page

Headstart Flash Face VCAI and VCE students

Safari File Edit View History Bookmarks Develop Window Help

www.google.com/client=safari

Google

About Store

Gmail Images M

Google

Google Search I'm Feeling Lucky

Australia

Advertising Business

Privacy Terms Settings

Lessons Learnt

- Need continual exposure to the benefits of Moodle as the glue
 - Login every lesson
 - Instruction on the use of Moodle
 - What the icons mean
 - What a course is rather than just clicking the progress bar.
- Clear instructions as to how to use videos for instruction – step-by-step
 - Watch a little – do a little
 - Repeat
 - Rewind, Fast Forward – own what you missed.



Some thoughts on teaching and learning in Secondary Schools

- Gradual Release Learning Model
 - I do, we do, you do.
 - High Impact Teaching Strategies (HITS)
- 21st Century Skills:
 - Collaboration;
 - Knowledge Construction;
 - Self Regulation;
 - Skilled Communication;
 - Real world Problem solving and Communication;
 - Use of ICT for Learning.

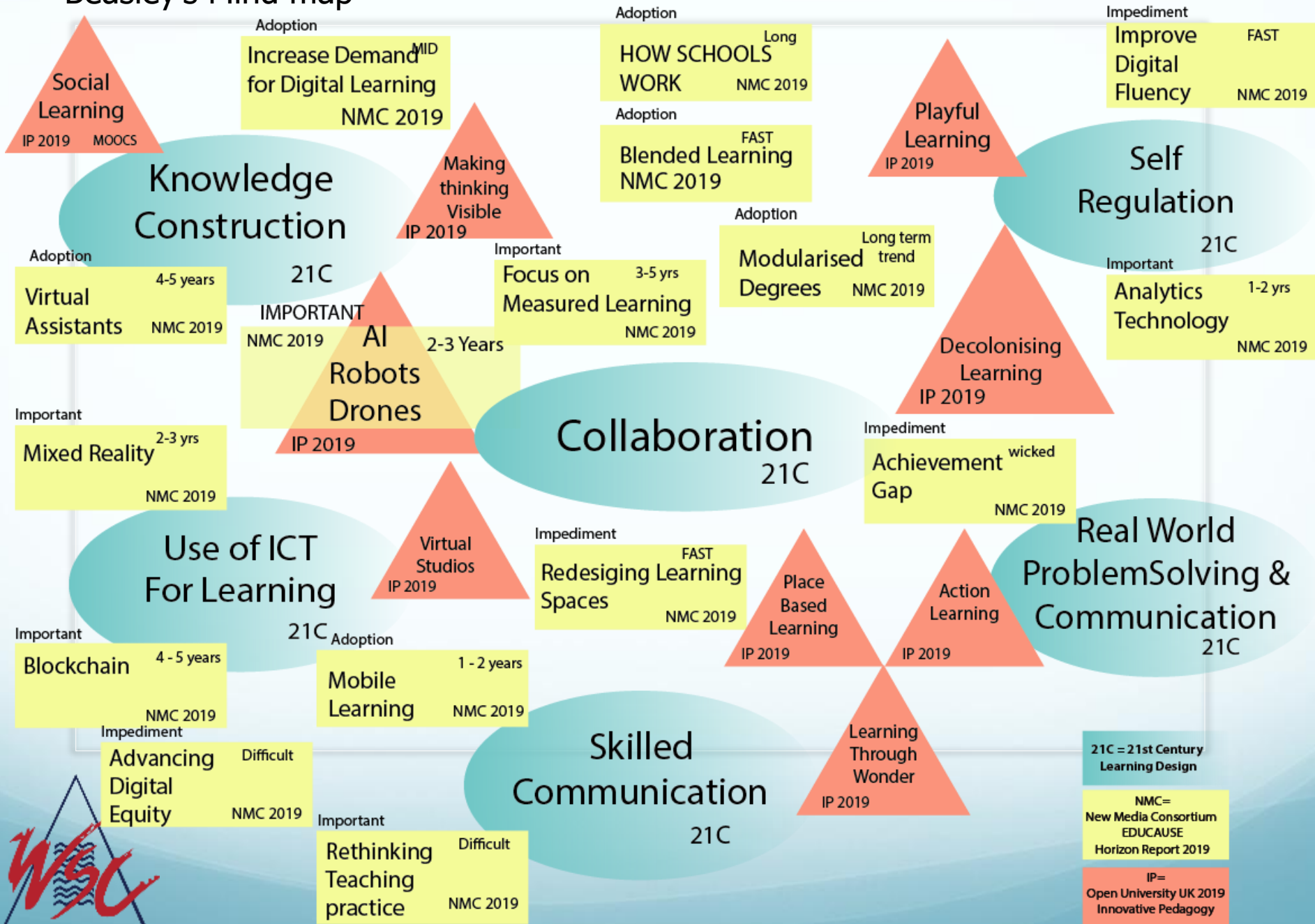


Reports of relevance

- The following have been used in design and implementation
 - Microsoft's 21st Century Learning Design
 - <https://education.microsoft.com/GetTrained/ITL-Research>
 - Educause (formerly New Media Consortium) Horizon report:
 - <https://www.educause.edu>
 - Open University UK Innovative Pedagogies report 2019:
 - <https://iet.open.ac.uk/file/innovating-pedagogy-2019.pdf>



Beasley's Mind map



As always, thanks Moodle

- Questions?

