

Videos and Diagnostics of Foundational computing knowledge

Open Educational Resources (OERs) using video and diagnostics for students to diagnose their learning of foundational materials.

The Google Site into 3 modules, this site can be split into three once all the OERs are uploaded, it's just easier at the moment to keep it as one. The site. <https://sites.google.com/a/rmit.edu.au/isys2056/>

BUSINESS COMPUTING 1 Review & Self-Test



NAVIGATION

HOME

▼ MODULE 1

▼ OER 1.1

1.1.1 TEST YOUR KNOWLEDGE

1.1.2 FURTHER IDEAS TO INVESTIGATE

▶ OER 1.2

▼ MODULE 2

▶ OER 2.1

▶ OER 2.2

▶ OER 3.1

▶ OER 3.2

▶ OER 4.1

▶ OER 4.2

▼ MODULE 3

▶ OER 7.1

▶ OER 7.2

▶ OER 9.1

What is the difference between Information Technology (IT) and Information Systems (IS)?

Business Computing 1 - Business Context: OER 1.1

Now this diagram illustrates why these terms must be carefully defined. To make

0:52 / 2:12

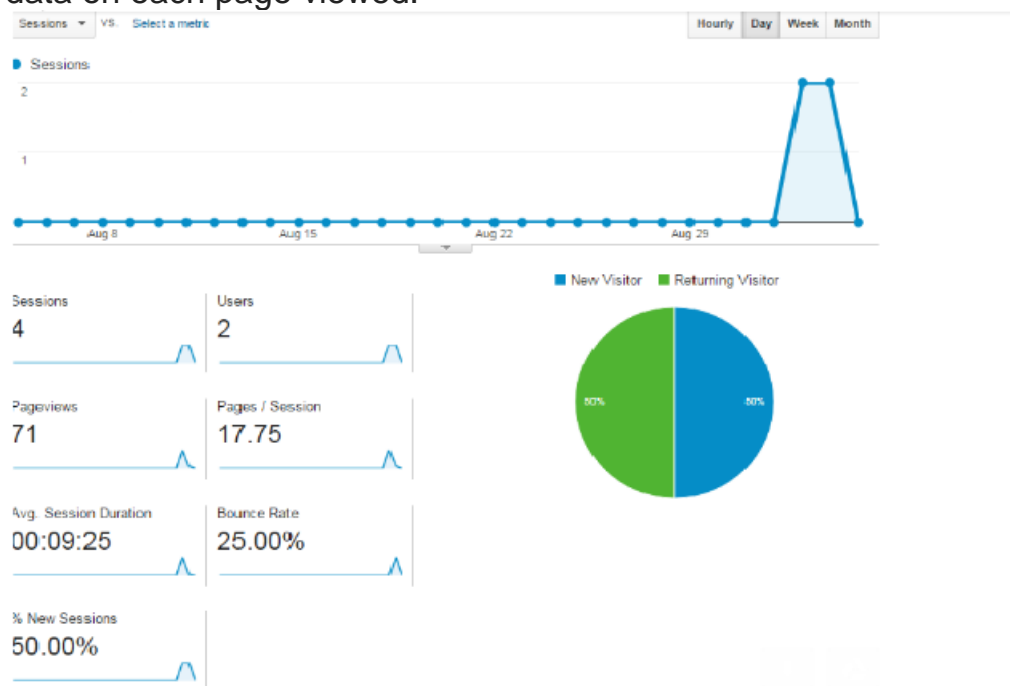
SUBPAGES (2): [1.1.1 TEST YOUR KNOWLEDGE](#) [1.1.2 FURTHER IDEAS TO INVESTIGATE](#)

Usage Analytics

Google Analytics have been added to the site

<https://analytics.google.com/analytics/web/>

The following is a sample of the overview stats for the site, you can also get data on each page viewed.



Here's the YouTube stats on the OERs that have been created so far (not as many hits as I originally thought):

| OER Title | Watch time | Views |
|------------------------------------------------------------------------------------|------------|-------|
| Business Computing 1 - Business Context: OER 1.2 | 367 | 120 |
| Business Computing 1 - Business Context: OER 1.1 | 287 | 169 |
| Business Computing 1 - Business Analytics: OER 4.1 | 204 | 43 |
| Business Computing 1 - Business Analytics: OER 2.2 | 178 | 43 |
| Business Computing 1 - Business Analytics: OER 3.1 | 92 | 42 |
| Business Computing 1 - Business Analytics: OER 3.2 | 66 | 26 |
| Business Computing 1 - Designing Business Solutions: OER 7.1 | 24 | 18 |
| Business Computing 1 - Business Analytics: OER4.2 | 23 | 4 |
| Business Computing 1 - Introduction to Database Management OER 7.2 | 1 | 3 |

Screen Capture of Foundational skill based resources

Edited and uploaded screen captures videos of Foundational skill based resources.

Now that you can see the output it might be useful to consider how your instructions are presented and "script" them appropriately, eg. highlighting of specific screen areas may not need to be overemphasized as it will be added after the screen capture, note I've also edited the closed captioning.

Review of IF function

<https://youtu.be/K-roY5Qm7A>

Review of Data Validation

<https://youtu.be/Gc-SGpG6MqY>



The IF function

IF something is true, then do something,
otherwise do something else

something, otherwise do something else

0:12 / 4:41

CC Settings Full Screen

Review of the IF function in Excel

ADGBusinessRMIT

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A storage facility capable of enabling credentialing of student learning

Bloom’s descriptors have been used to inform the design of the database containing Video and screen capture objects and associated MQuiz type questions. At this stage we are creating objects and diagnostics to ease the burden of foundational material delivery in a blended environment. Figure 1 illustrates the changing descriptors underpinning assessment examples of different depth.

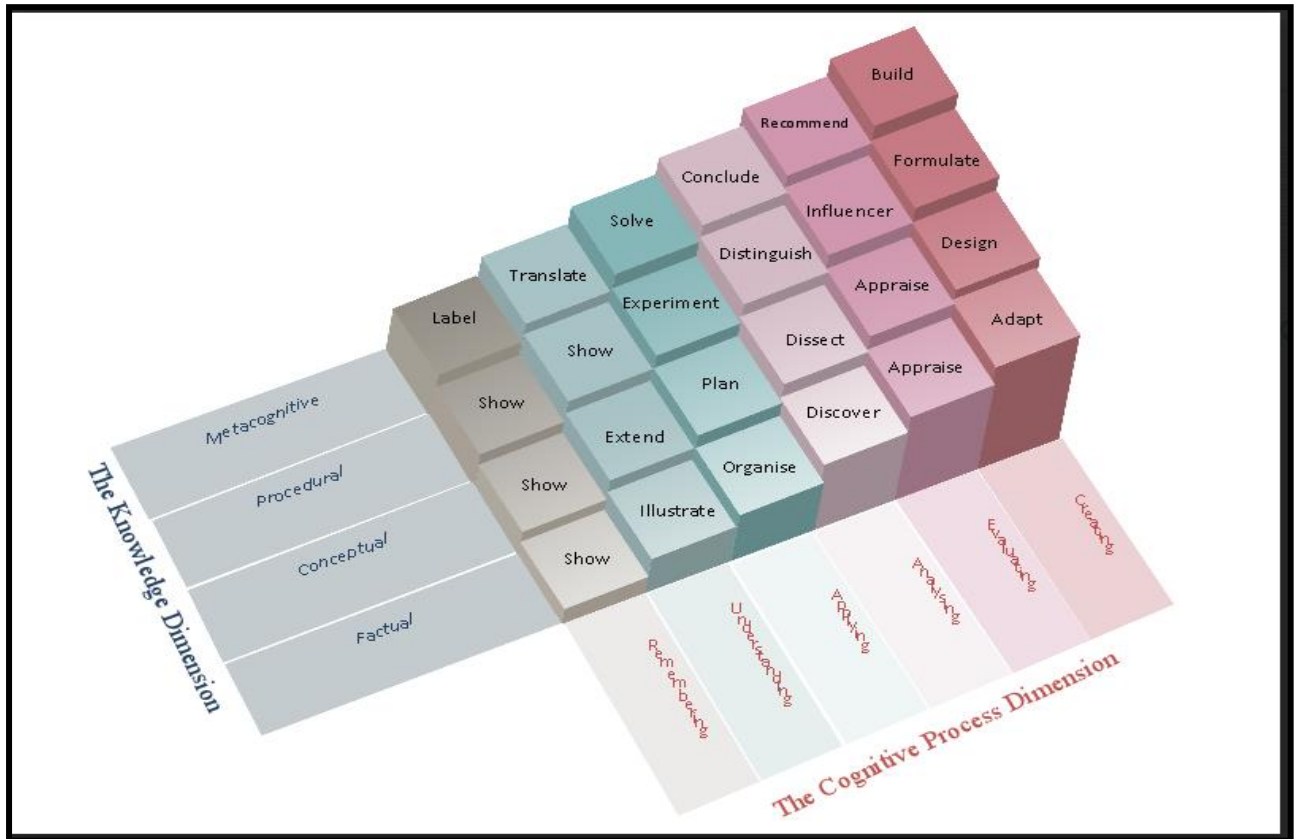


Figure 1: Bloom’s Descriptors for Knowledge and Cognitive Process Dimensions

I will also show the storage prototype and Lisa Curran’s training and dissemination tool site.