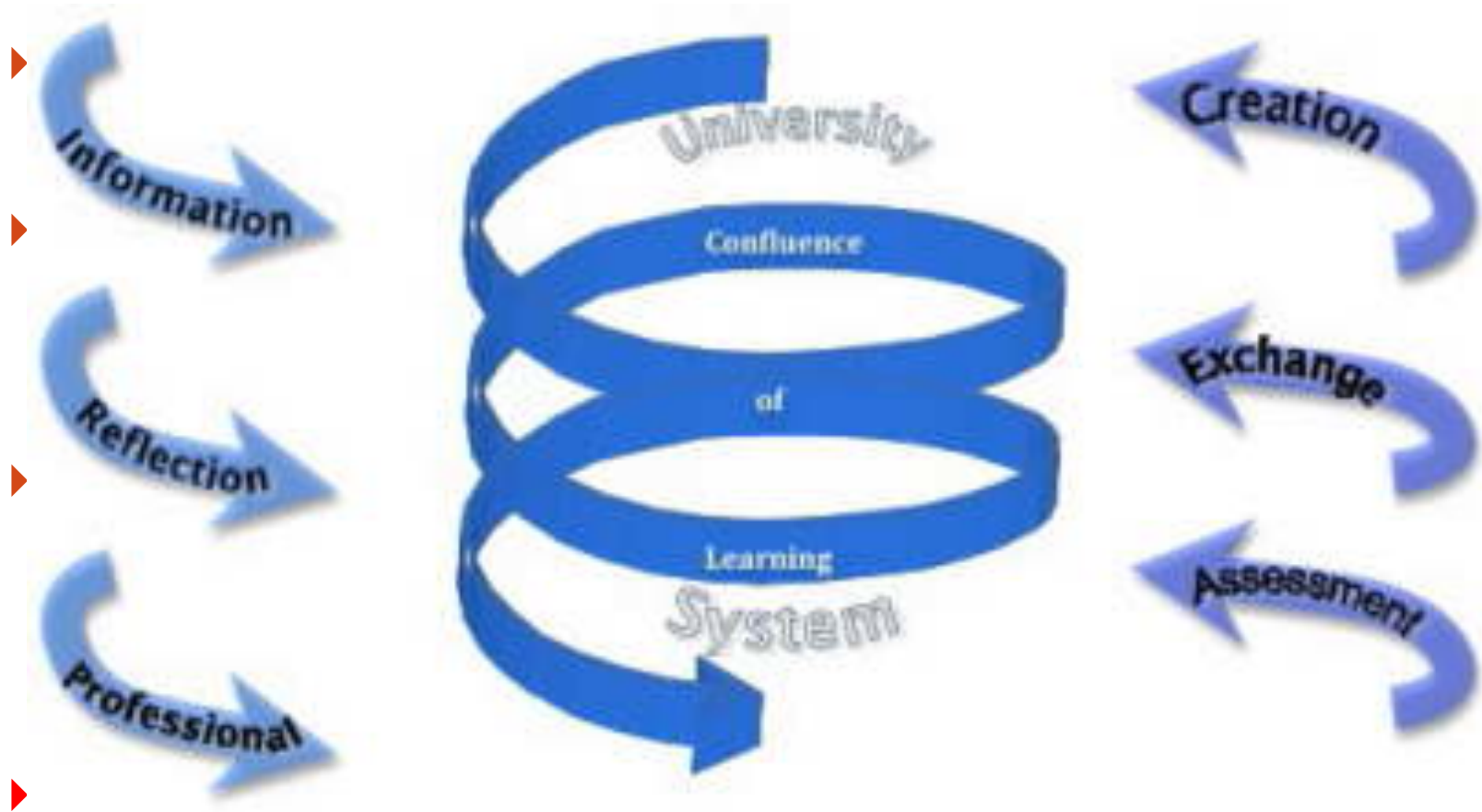# "Teaching University Subjects Online"

Innovations in education: Responding intelligently to diverse learning needs

Some Background

- There are an increasing number of universities developing or renovating their degrees to incorporate online learning
- The challenge is how to incorporate/integrate technology with the learning pedagogy of the subjects and the particular skills of university personnel

- This presentation is focused in education but the context is transferable across faculties

Building Blocks

Strategic Cells–Style Guide

Learning Focus Information	Learning Focus Exchange	Learning Focus Reflection	Learning Focus Assessment
• **Formulating the Focus** • **Presenting the Information**	• Initiating Inquiry • Developing Thinking • Professional Practice (sharing, collaborating, reflecting, community building)	• Analysing Information • Evaluating Ideas • Synthesising Findings	• Summative Assessment • Criterion Referenced • Formative Assessment

TFOiL app

- The app was designed as an assistive, planning app and is based on 4 of the CoL structures;
  - Information
  - Exchange
  - Reflection
  - Assessment
- Each of the 4 elements is split into 3 sub elements…more later
- The use of the app can be individual, mentored or collegial

How the scaffold & app work

- Using the app, when a subject developer chooses a strand they are reminded of the basic intent…

- An example, if 'Information' is chosen then users are reminded," Consider the information that needs to be disseminated…"

- In the next layer down, information is divided into; Formulating the Focus, Formatting the Information, Presenting the Information

How the app works

- Formulating the focus
  - "Developing and refining the information…
- Formatting the information
  - Creating and editing the information…
- Presenting the information
  - Medium to develop and deliver the information…

Implementation-Pilot 1

▸ The first implementation of TFOiL was with 5 lecturers who were developing 5 curriculum based subjects

▸ As the evaluation button was not added until the end of the first pilot, comments were recorded

▸ Lecturers were mentored in the use of the app and there was an educational designer assigned to the group

▸ Lecturers were asked to use the app to assign technology to their subject

Feedback-Pilot 1

▸ Only positive comments after use;
  ◦ structured
  ◦ easy to follow
  ◦ technology that could be used
  ◦ link description served as a good reminder and focused the subject development, particularly with student communication
  ◦ Gave the ed designer and the lecturer another common focal point to develop the subject from

Outcomes-Pilot 1

- Addition of feedback button
- Same style of app development that would suggest technologies for a particular subject
- Development of icons that incorporate an indigenous theme and signpost the learning
- Use of the app with students as well as encouraging the students to use the app in their own teaching

Next step

▶ Pilot 2 with 10 lecturers will now commence in July developing 3 curriculum subjects and 7 education subjects

▶ Lecturers will comment feedback via the app

▶ Technology sites will be revised at the completion of pilot 2

▶ TFOiL will be further implemented across the education faculty with other faculties expressing interest in the structure

TFOiL Link

- https://interact2.csu.edu.au/webapps/blackboard/content/listContentEditable.jsp?content_id=_273814_1&course_id=_9496_1