# Online learning activity planner

also available online at: <https://teaching.unsw.edu.au/selecting-technologies>

**Table 1: Sample learning outcomes, rationales and activities**

The following table provides examples of learning outcomes, the kinds of learning activities that promote those outcomes, and how the activities could be supported by learning technologies.

|  |  |  |  |
| --- | --- | --- | --- |
| **Desired learning outcomes (What?)** | **Rationale (Why?)** | **Relevant activities (How?)** | **Potential technological tools** |
| * Information literacy
* Global practice
* Digital literacy
* Ethical practice
* Preparation for success
 | * Exposure to, awareness of, contribute to external
	+ activity
	+ conversations
	+ resources
	+ techniques and approaches
* Appropriate referencing
* Appropriate equipment of the 21st Century graduate
* Managing information load
 | * Multi-dimensional evaluation
* Sharing and reviewing online resources
* Connecting with outside experts/ communities
* Check for plagiarism
* Media making/ mashups
* Digital storytelling
* Copyright/Creative Commons discussions
* Activities relevant and authentic to discipline
* Embedded activities for generic attributes
* Contextual prompts to evaluate sources
 | * Social bookmarking
* RSS feeds/ aggregators
* [Blogs](https://teaching.unsw.edu.au/node/648)
* [Turnitin](https://teaching.unsw.edu.au/node/812)
* SlideShare
* YouTube, [UNSWTV](https://teaching.unsw.edu.au/node/843)
* [Podcasting](https://teaching.unsw.edu.au/node/1209)
* [Wimba Voice tools](https://teaching.unsw.edu.au/node/799)
* [Library](http://library.unsw.edu.au/)
 |
| * Self-directed learning
* Reflective practice
* Engaged learning
* Co-learning
* Quality learning environment and experience
 | * Negotiate understanding
* Feedback on the course
* Reflection on learning
* Global practice
* Consistency of experience (equity)
 | * Problem/case-based learning
* Flexible access to material
* Project planning and management
* Student self-tests
* Teacher (and technology) as facilitator of learning
* Choice of modes and activities
* Access to technology (e.g. mobile devices)
* Agreed code of conduct
 | * [Wiki](https://teaching.unsw.edu.au/node/549)
* LMS groups ([BB](https://teaching.unsw.edu.au/node/1073)/[Moodle](https://teaching.unsw.edu.au/node/755))
* [Quiz](https://teaching.unsw.edu.au/node/543)/[survey](https://teaching.unsw.edu.au/node/842)
* [Lectopia](https://teaching.unsw.edu.au/node/1172) (recorded lectures)
* YouTube, [UNSWTV](https://teaching.unsw.edu.au/node/843)
* [Podcasting](https://teaching.unsw.edu.au/node/1209)
* [Wimba Voice tools](https://teaching.unsw.edu.au/node/799)
* Choice of (ability to explore) media
* [Online resources](https://teaching.unsw.edu.au/node/733)
* Mobile learning (smartphone, tablet)
* [Library](http://library.unsw.edu.au/)
 |
| Giving and receiving feedback | * Multiple perspectives
* Feedback on performance
 | * Collaborative writing
* Group negotiation and planning
* Assessment of team work
* Review (e.g. group work)
* Publishing
* Reflection
 | * [Wiki](https://teaching.unsw.edu.au/node/549)
* [Blogs](https://teaching.unsw.edu.au/node/648)
* [Discussion forum](https://teaching.unsw.edu.au/node/534)
* [Peer review](https://teaching.unsw.edu.au/node/544) (LMS: [BB](https://teaching.unsw.edu.au/node/1148)/[Moodle](https://teaching.unsw.edu.au/node/1233))
* [Wimba Voice tools](https://teaching.unsw.edu.au/node/799)
 |
| * Working in teams
* Collaborative practice
 | * Negotiate understanding
* Multiple perspectives
* (for teacher) management of group work
* Digital literacy
* Inclusivity (e.g. NESB)
 | * Collaborative writing
* Group negotiation and planning
* Project planning and management
* Problem/case-based learning
* Assessing team contribution
* Media based projects
* Variety of communication styles supported
 | * [Wiki](https://teaching.unsw.edu.au/node/549)
* [Blogs](https://teaching.unsw.edu.au/node/648)
* LMS groups ([BB](https://teaching.unsw.edu.au/node/1073)/[Moodle](https://teaching.unsw.edu.au/node/755))
* [Peer review](https://teaching.unsw.edu.au/node/544) (LMS: [BB](https://teaching.unsw.edu.au/node/1148)/[Moodle](https://teaching.unsw.edu.au/node/1233))
* YouTube, [UNSWTV](https://teaching.unsw.edu.au/node/843)
* [Podcasting](https://teaching.unsw.edu.au/node/1209)
* [Wimba Voice tools](https://teaching.unsw.edu.au/node/799)
* RSS
* [Moderated discussion](https://teaching.unsw.edu.au/node/534)
 |
| * Critical reviewing
* Critical thinking
* Independent learning
 | * Negotiate understanding
* Multiple perspectives
* Feedback
* Practice of
	+ critical reviewing
	+ critical thinking
 | * Reflecting
* Debating
* Reviewing
* Social knowledge building
* Review of/commentary on online material
* Give and receive feedback
 | * [Blogs](https://teaching.unsw.edu.au/node/648)
* [Discussion forum](https://teaching.unsw.edu.au/node/534)
* [Blackboard Collaborate](https://teaching.unsw.edu.au/node/806)
* VoiceThread
* YouTube, [UNSWTV](https://teaching.unsw.edu.au/node/843)
* [Podcasting](https://teaching.unsw.edu.au/node/1209)
* [Wimba Voice tools](https://teaching.unsw.edu.au/node/799)
* RSS
* [Peer review](https://teaching.unsw.edu.au/node/544)
 |
| * Synthesis of learning
* Apply learning (at high level)
 | * Able to solve new problems
* Application of knowledge in integrated way
 | * Experience "authentic" practice
* Integrative (could be group) project
* Problem/case-based learning activities
 | * Authentic voice via video/audio
* [Wimba Voice tools](https://teaching.unsw.edu.au/node/799)
* [Simulations](https://teaching.unsw.edu.au/node/608) e.g. virtual experiments
* Animations
* [Group tools](https://teaching.unsw.edu.au/node/539)
 |
| * Written communication
 | * Negotiate understanding
* Contribute to external
	+ activity
	+ conversations
	+ resources
* Appropriate referencing
 | * Reflecting
* Debating
* Reviewing
* Publishing
* Checking for plagiarism
 | * [Blogs](https://teaching.unsw.edu.au/node/648)
* [Discussion forum](https://teaching.unsw.edu.au/node/534)
* SlideShare
* Twitter/ Yammer
* RSS
 |
| * Oral communication
* Presentation skills
* Language proficiency
 |   | * Sharing audio/video material
* Presenting
* Digital storytelling
* Audio/video discussion and feedback
 | * [Blackboard Collaborate](https://teaching.unsw.edu.au/node/806)
* VoiceThread
* Adobe Connect (Web conference)
* YouTube, [UNSWTV](https://teaching.unsw.edu.au/node/843) podcast)
* SlideShare
* [Podcasting](https://teaching.unsw.edu.au/node/1209)
* [Wimba Voice tools](https://teaching.unsw.edu.au/node/799)
 |

**Table 2: Tools related to activities, and their contribution to learning outcomes**

The following table provides examples of the tools you may be interested in using and looks at the types of activities and learning outcomes that are likely to be relevant.

|  |  |  |  |
| --- | --- | --- | --- |
| **Potential uses of technology** | **Relevant activities (How?)** | **Rationale (Why?)** | **Desired learning outcomes (What?)** |
| * Social bookmarking
* RSS feeds/aggregators
 | * Sharing and reviewing online resources
* Connecting with outside experts/communities
 | * Exposure to and awareness of external
* activity
* conversations
* resources
 | * Information literacy
* Global practice
 |
| Wiki | * Collaborative writing
* Group negotiation and planning
* Project planning and management
 | * Synthesis of knowledge
* Negotiate understanding
* Multiple perspectives
 | * Working in teams
* Self-directed learning
* Giving and receiving feedback
 |
| Blogs | * Reflecting
* Debating
* Reviewing (e.g. group work)
* Publishing
 | * Negotiate understanding
* Multiple perspectives
* Feedback on performance
* Contribute to external
	+ activity
	+ conversations
	+ resources
 | * Information literacy
* Global practice
* Working in teams
* Written communication skills
* Critical reviewing
* Giving and receiving feedback
 |
| Discussion forum | * Reflecting
* Debating
* Reviewing
* Social knowledge building
 | * Negotiate understanding
* Multiple perspectives
* Feedback
 | * Written communication skills
* Critical reviewing
* Giving and receiving feedback
 |
| LMS groups (BB/Moodle) | Problem/case-based learning | * Negotiate understanding
* Multiple perspectives
* (for teacher) management of group work
 | * Working in teams
* Self-directed learning
 |
| Peer review (BB/Moodle) | Assessing team contribution | * Feedback on performance
* (for teacher) management of group work
 | * Self-directed learning
* Reflective practice
 |
| * Turnitin
 | Checking for plagiarism | Appropriate referencing | * Information literacy
* Academic writing
 |
| * Blackboard Collaborate
* Seesmic
* Voicethread
* Wimba Voice tools
 | * Audio discussion and feedback
* Video discussion
* Review/commentary of online material
 | Alternative to face to face or text | * Oral language skills
* Oral communication
* Presentation skills
* Critical reviewing
 |
| Blackboard Collaborate (Web conference) | * Working in a group
* Connecting different locations
 | * Archive conversations
* Flexible access to activities
 | * Presentation skills
* Oral communication
 |
| * [Digital Media](https://teaching.unsw.edu.au/node/164) delivered using UNSW TV, iTunes U or YouTube.

Can be original work or sourced material. | * Sharing video material
* Presenting
* Digital storytelling
* Discussion trigger
* Reflective tool
* Archiving class activities
* Digital literacy when part of student work
 | * Alternative to face to face or text
* Accommodates alternative learning styles (visual)
* View material (locations, experiences etc.) not otherwise available
* Multimodal/flexible access to resources
* Revision for NESB or students unable to attend class
 | * Presentation skills
* Oral communication
* Digital literacy
* Enhance student experience
 |
| Interactive Media | * Presenting core concepts concisely
* Simulations of processes, hypothetical problems or cause and effect
 | * Illustrates complex concepts
* Alternative to face to face or text
* Accommodates alternative learning styles (visual)
* Aids knowledge retention
* Supports learning by experimentation
 | * Improve learning outcomes
* Enhance student experience
 |
| Lectopia | Flexible access to material | Revision for NESB or students unable to attend class | Self-directed learning |