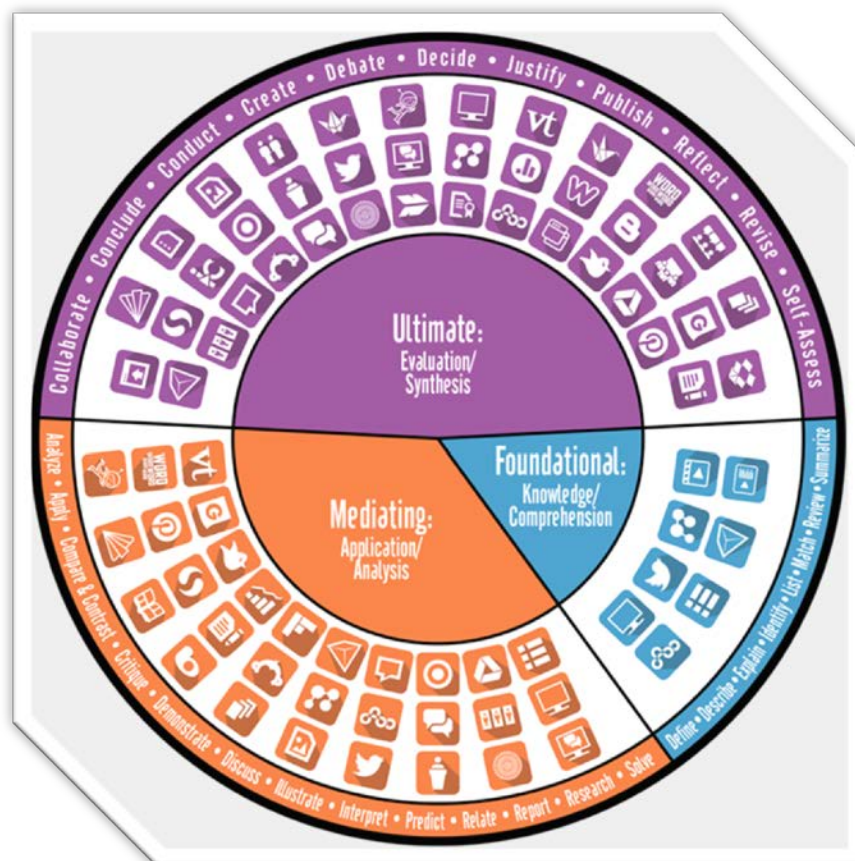





The purpose of this resource is to guide instructors to select online tools that align with learning objectives. This resource organizes learning objectives into three main categories based on the cognitive domain of Bloom's Taxonomy. This taxonomy conceptualizes learning from most basic (recalling information) to most complex (making judgments about information). The three categories below reveal action verbs that are commonly used to create learning objectives.

- The Foundational category comprises learning objectives relating to basic knowledge and comprehension. It includes action verbs that describe lower-order cognitive skills, such as "define," "explain," and "match."
- The Mediating category comprises learning objectives relating to application and analysis of knowledge. It includes action verbs that describe intermediate-order cognitive skills, such as "analyze," "interpret," and "predict."
- The Ultimate category comprises learning objectives relating to evaluation and synthesis of knowledge. It includes action verbs that describe higher-order cognitive skills, such as "create," "debate," and "reflect."








This infographic provides a quick glance at the three categories, action verbs, and the icons of corresponding tools.












Key:

	Tool Integrates into Webcourses@UCF
	Not Supported by UCF: Third-Party Tool
	Supported by UCF











Foundational: Knowledge/Comprehension













Icon	Resource	Description
Define		
	Materia – Crossword	Crossword study tool
	Webcourses@UCF Quiz – Essay	Assessment items such as multiple choice, essay, matching, etc.
	Webcourses@UCF Quiz – Fill in the Blank	Assessment items such as multiple choice, essay, matching, etc.
Icon	Resource	Description
Describe		
	Materia – Hangman	Hangman game study tool
	Twitter	Microblogging service
	Webcourses@UCF Assignments	Graded submission
	Webcourses@UCF Quiz – Essay	Assessment items such as multiple choice, essay, matching, etc.







Icon	Resource	Description
Explain		
 N	Easel.ly	Visual content creator
 N	Visual.ly	Visual content creator
 S	Webcourses@UCF Assignments	Graded submission
 S	Webcourses@UCF Quiz – Essay	Assessment items such as multiple choice, essay, matching, etc.
Icon	Resource	Description
Identify		
 SI	Materia – Labeling	Labeling study tool
 SI	Materia – Word Search	Word search study tool
 S	Webcourses@UCF Quiz – Multiple Answers	Assessment items such as multiple choice, essay, matching, etc.
 S	Webcourses@UCF Quiz – Multiple Choice	Assessment items such as multiple choice, essay, matching, etc.
 S	Webcourses@UCF Quiz – Multiple Dropdown	Assessment items such as multiple choice, essay, matching, etc.
Icon	Resource	Description
List		
 SI	Materia – Sequencer	Sequencing study tool
 S	Webcourses@UCF Quiz – Multiple Choice	Assessment items such as multiple choice, essay, matching, etc.












Icon	Resource	Description
Match		
	Materia – Last Chance Cadet	Matching game study tool
	Materia – Matching	Matching study tool
	Webcourses@UCF Quiz – Matching	Assessment items such as multiple choice, essay, matching, etc.
Icon	Resource	Description
Review		
	Materia – Enigma	Quiz game study tool
	Materia – Flash Cards	Flashcard study tool
	Materia – Timeline	Timeline study tool
	Materia – Word Search	Word search study tool
	Tegrity	Lecture capture and streaming tool
Icon	Resource	Description
Summarize		
	Webcourses@UCF Assignments	Graded submission
	Webcourses@UCF Quiz – Essay	Assessment items such as multiple choice, essay, matching, etc.












Mediating: Application/Analysis







Icon	Resource	Description
Analyze		
	Flipboard	Aggregate online resources into a magazine-like product
	Read Write Think	Materials aimed at improving reading and writing
	Webcourses@UCF Assignments	Graded submission
	Wordle	Word cloud generator
Icon	Resource	Description
Apply		
	Materia - Choose Your Own Adventure	Decision-making game study tool with outcomes
	Twitter	Microblogging service
	VideoNot.es	Take notes synchronized with videos (must have Google account)
	Webcourses@UCF Discussions	Asynchronous communication (text, video, audio)
	Webcourses@UCF Quiz - Essay	Assessment items such as multiple choice, essay, matching, etc.
	Webcourses@UCF Quiz - Multiple Choice	Assessment items such as multiple choice, essay, matching, etc.

Icon	Resource	Description
Compare and contrast		
	Glogster	Digital collage maker
	Pinterest	Digital bulletin board
	Read Write Think	Materials aimed at improving reading and writing
	Webcourses@UCF Assignments	Graded submission
Icon	Resource	Description
Critique		
	Flipboard	Aggregate online resources into a magazine-like product
	Twitter	Microblogging service
	Webcourses@UCF Discussions	Asynchronous communication (text, video, audio)
	Webcourses@UCF Peer Review	Student-to-student peer reviewing of Assignments
Icon	Resource	Description
Demonstrate		
	Jing	Screenshots or 5-minute recorded screencasts
	Screencast-O-Matic	Create screencasts (free version limited to 15 minutes)
	Webcourses@UCF Assignments	Graded submission
	Webcourses@UCF Discussions	Asynchronous communication (text, video, audio)













Icon	Resource	Description
	Jing	Screenshots or 5-minute recorded screencasts
Discuss		
	Twitter	Microblogging service
	VoiceThread	Media-centric conversations through audio, video and text
	Webcourses@UCF Chat	Synchronous communication (text)
	Webcourses@UCF Conferences	Media-enhanced synchronous communication
	Webcourses@UCF Discussions	Asynchronous communication (text, video, audio)
Icon	Resource	Description
Illustrate		
	Animoto	Create a video slideshow of images; 30 seconds is free
	Bubbl.us	Build visual mind maps
	Comic maker	Comic strip builder
	Create a Graph	Graph creation
	Easel.ly	Visual content creator
	Glogster	Digital collage maker
	Google Drawings	Illustrate a drawing













	Pinterest	Digital bulletin board
	Read Write Think	Materials aimed at improving reading and writing
	Storify	Create a story by collecting media on the web
	Storybird	Create a story based on provided images; collaborate with others
	Visual.ly	Visual content creator
	Witty Comics	Comic strip builder
	Wordle	Word cloud generator
Icon	Resource	Description
Interpret		
	Dipity	Timeline builder with media elements
	VoiceThread	Media-centric conversations through audio, video and text
	Webcourses@UCF Discussions	Asynchronous communication (text, video, audio)
	Wordle	Word cloud generator














Icon	Resource	Description
Predict		
 SI	Materia - Choose Your Own Adventure	Decision-making game study tool with outcomes
 S	Webcourses@UCF Discussions	Asynchronous communication (text, video, audio)
 S	Webcourses@UCF Quiz - Multiple Choice	Assessment items such as multiple choice, essay, matching, etc.
Icon	Resource	Description
Relate		
 N	Dipity	Timeline builder with media elements
 N	Glogster	Digital collage maker
 N	Pinterest	Digital bulletin board
 N	Wordle	Word cloud generator
Icon	Resource	Description
Report		
 I	Google Drive	<u>Cloud</u> storage service
 N	Prezi	<u>Cloud-based</u> presentations
 S	Webcourses@UCF Assignments	Graded submission
 S	Webcourses@UCF ePortfolio	Portfolio creation tool














Icon	Resource	Description
Research		
	<u>Flipboard</u>	Aggregate online resources into a magazine-like product
	<u>Survey Monkey</u>	Create and take surveys
Icon	Resource	Description
Solve		
	<u>Materia - Choose Your Own Adventure</u>	Decision-making game study tool with outcomes
	<u>Webcourses@UCF Quiz - Formula Question</u>	Assessment items such as multiple choice, essay, matching, etc.
	<u>Webcourses@UCF Quiz - Multiple Choice</u>	Assessment items such as multiple choice, essay, matching, etc.
	<u>Webcourses@UCF Quiz - Numerical Answer</u>	Assessment items such as multiple choice, essay, matching, etc.














Ultimate: Evaluation/Synthesis

Icon	Resource	Description
Collaborate		
	Adobe Connect	Flash-based webconferencing tool (cost)
	Dropbox	File storing and sharing in the <u>cloud</u>
	Google Drive	<u>Cloud</u> storage service
	Padlet	Collaborative wall for students to post a note (no account needed)
	Prezi	<u>Cloud-based</u> presentations
	Twitter	<u>Microblogging</u> service
	Webcourses@UCF Chat	Synchronous communication (text)
	Webcourses@UCF Collaborations	Simultaneous group document editing
	Webcourses@UCF Conferences	Media-enhanced synchronous communication
	Webcourses@UCF Group Discussions	Asynchronous communication in small groups
Icon	Resource	Description
Conclude		
	Read Write Think	Materials aimed at improving reading and writing
	Webcourses@UCF Assignments	Graded submission

	Webcourses@UCF Discussions	Asynchronous communication (text, video, audio)
Icon	Resource	Description
Conduct		
	Survey Monkey	Create and take surveys
Icon	Resource	Description
Create		
	Animoto	Create a video slideshow of images; 30 seconds is free
	Blogger	Blog building tool
	Dipity	Timeline builder with media elements
	Easel.ly	Visual content creator
	Google Drawings	Illustrate a drawing
	Google Drive	<u>Cloud</u> storage service
	Haiku Deck	<u>Cloud-based</u> presentations
	Jing	Screenshots or 5-minute recorded screencasts
	Prezi	<u>Cloud-based</u> presentations
	Screencast-O-Matic	Create screencasts (free version limited to 15 minutes)
	Skitch	Screenshots with annotation

	Storify	Create a story by collecting media on the web
	Storybird	Create a story based on provided images; collaborate with others
	Visual.ly	Visual content creator
	Webcourses@UCF ePortfolio	Portfolio creation tool
	Weebly	Simple website creation
	Witty Comics	Comic strip builder
	Wordle	Word cloud generator
Icon	Resource	Description
Debate		
	Webcourses@UCF Chat	Synchronous communication (text)
	Webcourses@UCF Conferences	Media-enhanced synchronous communication
	Webcourses@UCF Discussions	Asynchronous communication (text, video, audio)
Icon	Resource	Description
Decide		
	iClicker	Classroom response system (students must buy devices)
	Materia - Choose Your Own Adventure	Decision-making game study tool with outcomes
	Webcourses@UCF Group Discussions	Asynchronous communication in small groups

Icon	Resource	Description
Justify		
	Webcourses@UCF Assignments	Graded submission
	Webcourses@UCF Discussions	Asynchronous communication (text, video, audio)
Icon	Resource	Description
Publish		
	Animoto	Create a video slideshow of images; 30 seconds is free
	Blogger	Blog building tool
	Dipity	Timeline builder with media elements
	Easel.ly	Visual content creator
	Glogster	Digital collage maker
	Haiku Deck	<u>Cloud-based</u> presentations
	Jing	Screenshots or 5-minute recorded screencasts
	Pinterest	Digital bulletin board
	Prezi	<u>Cloud-based</u> presentations
	Skitch	Screenshots with annotation
	Storify	Create a story by collecting media on the web

	Storybird	Create a story based on provided images; collaborate with others
	Twitter	Microblogging service
	Visual.ly	Visual content creator
	Webcourses@UCF ePortfolio	Portfolio creation tool
	Weebly	Simple website creation
	Witty Comics	Comic strip builder
	Wordle	Word cloud generator
Icon	Resource	Description
Reflect		
	Animoto	Create a video slideshow of images; 30 seconds is free
	Blogger	Blog building tool
	iClicker	Classroom response system (students must buy devices)
	Poll Everywhere	Students participate in poll through mobile device or Web (the free version has a 40-response limit)
	Survey Monkey	Create and take surveys
	VoiceThread	Media-centric conversations through audio, video and text
	Webcourses@UCF Discussions	Asynchronous communication (text, video, audio)

	Webcourses@UCF ePortfolio	Portfolio creation tool
	Webcourses@UCF Peer Review	Student-to-student peer reviewing of Assignments
	Webcourses@UCF Survey	Ungraded assessments
Icon	Resource	Description
Revise		
	Turnitin	Originality check of student writing
	Webcourses@UCF Peer Review	Student-to-student peer reviewing of Assignments
Icon	Resource	Description
Self-assess		
	iClicker	Classroom response system (students must buy devices)
	Survey Monkey	Create and take surveys
	Webcourses@UCF ePortfolio	Portfolio creation tool
	Webcourses@UCF Survey	Ungraded assessments