BLOOM'S TAXONOMY

When designing an online course, it's important to clearly define what students should be able to do or demonstrate at the end of the course. Writing learning objectives using Bloom's Taxonomy is an effective way to ensure that course content is aligned with the desired learning outcomes. Bloom's Taxonomy provides a framework for categorizing learning objectives based on the level of cognitive complexity involved.

	Remember	Understand	Apply	Analyze	Evaluate	Create
Bloom's Level Definition	Retain information the same way it is presented.	Relate information to past knowledge	Transfer knowledge and skills to a similar situation.	Break information into parts to explore meaning and relationships	Make judgements and critique based on standards.	Produce new products.
Learning Objective Verb *"Students will be able to..."* **Measurable verbs help us describe and classify observable knowledge, skills, attitudes, behaviors and abilities. They should be written to address what should be assessed.*	Cite Define Identify Index Indicate Label List Match Name Outline Quote Recall Recite Recognize Record Repeat State Study Tabulate Tell	Approximate Articulate Associate Characterize Clarify Classify Compare Convert Describe Discuss Elaborate Explain Generalize Identify Infer Interact Observe Predict Translate Visualize	Acquire Adapt Apply Assign Calculate Complete Construct Demonstrate Determine Dramatize Employ Illustrate Infer Interpret Manage Operate Practice Schedule Sketch Use	Analyze Audit Appraise Categorize Characterize Compare Contrast Debate Diagram Differentiate Distinguish Ensure Examine Experiment Inspect Investigate Inventory Relate Question Test	Appraise Argue Assess Choose Compare Conclude Defend Estimate Evaluate Interpret Judge Justify Measure Rate Revise Score Select Summarize Support Value	Animate Arrange Assemble Collect Combine Comply Compose Construct Create Design Devise Dictate Generate Formulate Manage Organize Plan Prepare Propose Setup

LOW-LEVEL THINKING ← → **HIGH ORDER THINKING**

This version of the Bloom's Digital Taxonomy chart was developed by FHSU TILT, with information referenced from (Seitzinger, 2010), (Shabatura, 2014), and (Sneed, 2016).

BLOOM'S DIGITAL TAXONOMY

	Activities with Digital Tools	Activity and Assessment Examples	Featured Digital Resource
Remember	• Bookmarking • Copying • Highlighting • Searching	True-False, Matching, Multiple Choice, Fill-in-the-Blank, Ordering	**Blackboard Assessments**  Blackboard Ultra's assessment feature will allow you to create and embed many type of assessment directly into your online course.
Understand	• Journaling • Tweeting • Tagging • Searching	Paper assignments, online discussions, concept maps, short answers, summaries, reflection	**Packback**  Packback allows instructors to encourage inquiry-driven discussion by allowing students to ask the questions and have important conversations about course topics.
Apply	• Calculating • Charting • Editing • Uploading	Problem sets, labs, case studies, role-playing	**Yellowdig**  Yellowdig allows students and instructors to share, comment and discuss articles and posts, while encouraging participation throughout courses.
Analyze	• Mind Mapping • Surveying • Linking • Validating	Case studies, journal critiques, problem-solving, essays, projects, presentation	**Vidgrid**  Vidgrid is a video tool that seamlessly integrates with a course. It allows for interactive experiences, student and instructor-led video presentations and to easily allow video responses.
Evaluate	• Grading • Testing • Moderating • Posting	Peer-assessment, product reviews, research paper, presentation	**Feedback Fruits Peer Review**  The Peer Review tool within Feedback Fruits allows students to upload an assignment, review the work of peers and allow them provide feedback and comments by checking criteria, giving ratings and reflect on work before receiving a grade.
Create	• Recording • Designing • Formulating • Podcasting	Poster project, product creation, presentations, podcasts	**Inspace**  Inspace is a virtual video meeting platform that integrates seamlessly with Google suite to be able to share docs, sheets, forms and more through breakout rooms and screen-sharing. This will help with both creative assignments and collaboration/presentation.

This resource will help to connect the dots between the levels of skils and abilities to the digital tools and resources necessary to create a successful online course. Familiarize yourself first with each level, the learning objective verbs and then this will guide you to a variety of measurable low-level and high order thinking activities and tools.The digital tool represented in each section is a feature and not the only option for an online resource. These tools are subscriptions held for faculty members by the TILT team. More information can be found at tigerlearn.fhsu.edu