

“Bloom’s Technology Taxonomy”

Based upon Bloom’s Taxonomy by Benjamin Bloom (1956)
 Created by: Tammy S. Seneca and Stephanie Thompson
 West Baton Rouge Parish Schools

Taxonomy Level	Verb	Suggested Activities
Knowledge	Locate Identify Operate List Label Read	<ul style="list-style-type: none"> • View/Show a United Streaming Video (www.unitedstreamig.com) in your classroom. • View a DVD movie, clip, or online speech in your classroom. • Use email to communicate. • Operate a digital camera to take photographs. • Locate definitions online (Example: www.m-w.com). • Use drill-and-practice software such as <i>Mavis Beacon Teaches Typing</i> and <i>Cornerstone</i>. • Take a test online (Example: <i>Reading Counts</i> or <i>Accelerated Reader</i>). • Type a document in Microsoft Word. • Locate and/or read newspaper articles and magazine articles. • Locate and listen to an audio clip. • Label objects/parts of a picture or a map. (Example: Labeling the states or labeling the parts of a flower). • Use a flexcam (gooseneck camera) or digital microscope with projector or television to identify/view objects based upon learning objectives. (Example: During the study of flowers, place a flower on the flexcam to identify parts.)
Comprehension	Illustrate Estimate Explain Create Paraphrase Summarize	<ul style="list-style-type: none"> • Create basic Excel, Graph Club, or Graph Master graphs from provided data. • Locate and incorporate specific pictures/objects based upon the learning objectives. (Example: Locating a picture/clipart online of a komodo dragon during a study of reptiles.) • View Brain Pop video (www.brainpop.com) and engage in discussion of content that is based upon learning objectives. • View United Streaming Video (www.unitedstreaming.com) and engage in discussion(s) of content that is based upon learning objectives. • Create a poster using Microsoft Word or Microsoft PowerPoint. • Create an outline using Microsoft Word. • Locate an online political cartoon based upon learning objectives. (Example: www.politicalcartoons.com) • Draw an object using <i>Paint</i> based upon learning objectives. • Create a story or poem using websites like <i>Wacky Web Tails</i> (www.eduplace.com/tales).
Application	Draw Compute Solve Paint Demonstrate Operate Sketch Model Report Collect	<ul style="list-style-type: none"> • Use a teacher-created <i>Trackstar</i> (http://trackstar.4teachers.org/trackstar/index.jsp) with teacher-generated questions to apply learning objectives. • Use Microsoft PowerPoint to create a presentation on learning objectives. • Use Microsoft Word or Microsoft Publisher to create a brochure to apply learning objectives. • Use digital camera pictures to create a presentation or to illustrate a learning objective. • Create maps, puzzles, brochures, presentations, books (www.readwritethink.org), cartoons (www.readwritethink.org) to apply learning objectives. • Use Microsoft Word to write a paper using an outline. • Use KidPix to create a presentation and/or picture based upon learning objectives. • Use a Blogging website (www.blogger.com) to answer teacher-generated discussion questions about

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	Produce Make	<p>learning objectives.</p> <ul style="list-style-type: none"> • Use a weather site such as www.weatherunderground.com and www.weatherchannel.com to read a weather map and apply weather terminology and theories.
Analysis	Investigate Construct Graph Infer Analyze Diagram Outline Clarify Contrast Examine Research	<ul style="list-style-type: none"> • Gather information from weather sites (www.weatherunderground.com and www.weatherchannel.com) to forecast the weather and/or create a weather model. • Explain and/or analyze a political cartoon (www.politicalcartoon.com). • Collect data, analyze it and create a bar graph, pie chart, etc. to visually represent said data using Excel, Graph Club, or Graph Master. • Collect and analyze data to construct a timeline with said data using a software program such as <i>Tom Synder's Timeliner</i>. • Create a propaganda poster using Microsoft Word or Microsoft Publisher. • Create a brochure where learning objectives are examined, contrasted, etc. using Microsoft Word or Microsoft Publisher. • Create a diagram using brainstorming software such as <i>Inspiration</i> in order to compare, contrast, examine, investigate, etc. a learning objective. • Use online research tools to gather pertinent data which is reliable, accurate, and specific to a given topic. • Use software programs such as <i>Where in the World is Carmen San Diego</i> to examine given information and make inferences.
Synthesis	Compose Create Plan Role-play Design Organize Hypothesize Produce Invent Formulate	<ul style="list-style-type: none"> • Use software programs such as <i>Science Court</i> to create a simulated environment in the classroom where students will hypothesize, investigate, and produce a conclusion. • Students use technology such as Microsoft PowerPoint as a tool for a role-playing scenario. (Example: Student "becomes" Rosa Parks and use Microsoft PowerPoint to show photographs of her life.) • Use software programs such as <i>Sim City</i> to create simulated environments in which students must organize, design, and plan a city, an ecosystem, a zoo, etc. • Use software programs such as <i>Oregon Trail</i> to role-play given historical situations. • Use reliable, accurate, and specific research to create a report using Microsoft Word. • Create a newspaper article about a given subject using Microsoft Word or Microsoft Publisher. • Use HTML to create a website.
Evaluation	Judge Recommend Critique Summarize Solve Evaluate Conclude Explain Compare Assess	<ul style="list-style-type: none"> • Use Webquests in the form of a mystery task, journalistic task, design task, creative task, concensus-building task, persuasion task, self-knowledge task, analytical task, judgment task, or scientific task to evaluate learning objectives. For descriptions of the above webquests see http://webquest.sdsuedu/materials.htm. • Evaluate and recommend websites and/or software packages. • Create an editorial about a given topic using Microsoft Word. • Construct a survey (exp. www.surveymonkey.com) to gather data concerning an area of investigation to analyze in Microsoft Excel, Graph Club, or Graph Master.