

Study to Create

Bloom's Revised Taxonomy

As students practice the various lower order thinking skills (LOTS) and higher order thinking skills (HOTS), they reach the pinnacle of development in terms of Bloom's Revised Taxonomy when they are able to compile information in a new and original way to develop meaningful connections and new ideas; in other words, create.

Third Higher Order Thinking Skill: Creating

- Making unique connections from your range of knowledge, understanding, experience, and insight to formulate original ideas.
- Cognitive processes associated with creating include planning, producing, and generating.
- Task words on assignments and assessments include develop, design, create, construct, revise, implement, and invent.

Study Strategies for Creating

- Put information together to form a new and unique whole.
 - Integrate processes or procedures to create a training manual.
 - Integrate aspects of different theories to create a new perspective.
 - Utilize research to write an argumentative essay.
 - Utilize diverse design elements to create a new space or object.
 - Develop a plan for an upcoming event.
 - Make a portfolio of your work to showcase to clients.
 - Write a resume.
 - Write a new ending to a story.
- Design a new process or project.
 - Design a new business model to address an issue.
 - Develop a new approach for treating children with social anxiety.
 - Compose a story or narrative.
 - Develop a new organizing approach related to a social or environmental justice issue in your community.
 - Design an activity or project to foster youth development.
 - Invent a board game to address a problem.
 - Develop a new process for assessing dangerous offenders.
 - Develop and produce a blog or podcast.
- Revise or improve a current process, project, or product.
 - Re-write a scene from a play or novel from a different perspective.
 - Revise a current law.
 - Revise a process within the criminal justice system.
 - Decolonize a process, project, or product.
 - Adapt something to make it more effective or efficient.
 - Re-design a space or object to make it more user friendly.

Study Tools for Creating

- Visual tools
 - Create a visual representation or logo to represent a new process or product you have designed.
 - Use a Venn diagram to visualize a current process and the improvements you would make to it.
 - Create a mind map to brainstorm new ways of connecting and synthesizing information.
 - Write information on sticky notes and organize them on a wall to create new representations or connections.
- Verbal tools
 - Explain your new idea out loud to a friend.
 - Talk to someone about how you would improve or change a process or product and why.
 - Create an outline to structure the research and evidence you will use to argue for or against something in an essay.

Monitor and Evaluate Your Strategies and Tools

- Identify which strategies and tools are helping you create information.
 - Can I put information together in a new and original way?
 - Am I able to create new processes or products using information I have learned?
 - Can I revise and improve tools and procedures that already exist?
- When strategies or tools are not helping, try something new.

Development

Creating is the highest and most complex learning outcome identified in Bloom's Revised Taxonomy. In order to achieve the higher order thinking skills of synthesis and innovation, that is putting things together and creating something new, students are using all the other thinking skills in the framework beginning with gaining factual knowledge, moving to conceptual and procedural understanding through comprehension, application, analysis, and evaluation, before ultimately arriving at synthesis and creation.