



# Creating Effective Student Outcomes

Creating student outcomes that guide experiences and assessment.

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**Warm-Up Activity:**

Respond to the following by placing your answer in the chat:

- What does “student outcome” mean to you?
- What does “assessment” mean to you?



# Workshop Outcomes

By the end of this workshop, participants will be able to:

- Describe the link between student outcomes and the assessment process.
- Create meaningful student outcomes that will focus student learning and assessment.

# Why Outcomes?

- Outcomes are the first step in the “official” assessment cycle.

- Develop a common language
- Help in planning
- Inform others about expectations





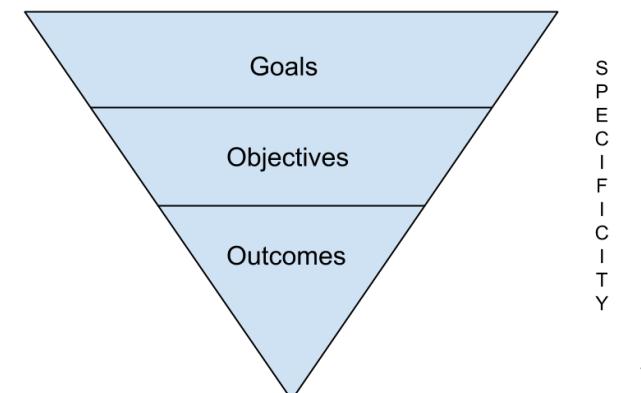
# Student Outcomes: Review

Student outcome or objective or goal?

- Goals focus on the overall expectation of the course or activity (course-centered)
- Objectives focus on the material covered (instructor-centered)
- Outcomes focus on knowledge and skills (student-centered)

But it doesn't start here.

- It starts with the Big Ideas.





# Student Outcomes: Big Ideas

## Big Ideas and Plan

- Describe the program/course/activity/experience to a partner (use your syllabus or any information you have as reference)
  - Topics, activities, assessments
- What will your partner (student) get out of the program/course/activity/experience after 10 weeks/a year/4 years?
  - What will they learn?
  - How will they grow and change?
  - How will they be transformed?



# Big Ideas to Outcomes

- Specify the level, criterion, or standard
- Use action verbs (Bloom's Taxonomy)
- Are directly measurable
- Single-barreled
- May include the conditions for demonstration

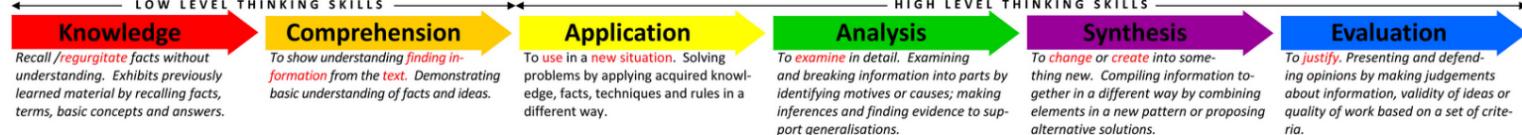
**Do not include a specific avenue for demonstration (leave it open)**

[Bloom's Taxonomy](#) and [How-To Create Effective Outcomes](#)



# Bloom's Taxonomy of Learning:

*Refer to your  
handout copy*



## Key words:

Choose Observe Show Ask Extend Outline  
Copy Omit Spell Cite Generalise Predict  
Define Quote State Classify Give examples Purpose  
Duplicate Read Tell Compare Relate  
Find Recall Trace Contrast Rephrase  
How Recite What Demonstrate Illustrate Report  
Identify Recognise When Indicate Restate  
Label Record Where Discuss Infer Review  
List Relate Which Estimate Show  
Listen Remember Who Explain Match Summarise  
Locate Repeat Why Express Observe Translate  
Match Reproduce Write  
Memorise Retell Select

## Key words:

Act Employ Practice  
Administer Experiment Relate  
Apply with Represent  
Associate Group Select  
Build Identify Show  
Calculate Illustrate Simulate  
Categorise Interpret Solve  
Choose Interview Summarise  
Classify Link Teach  
Connect Make use of Transfer  
Construct Manipulate Translate  
Correlation Model Use  
Demonstrate Organise  
Develop Perform  
Dramatise Plan

## Key words:

Analyse Examine Prioritize  
Appraise Find Question  
Arrange Focus Rank  
Assumption Function Reason  
Breakdown Group Relation-  
Categorise Highlight ships  
Cause and In-depth Reorganise  
Effect discussion Research  
Choose Inference See  
Classify Inspect Select  
Differences Investigate Separate  
Discover Isolate Similar to  
Discriminate List Simplify  
Dissect Motive Survey  
Distinction Omit  
Distinguish Order Take part in  
Divide Organise Test for  
Establish Point out Theme  
Comparing Comparing

## Key words:

Adapt Estimate Plan  
Add to Experiment Predict  
Build Extend Produce  
Change Formulate Propose  
Combine Hypothesise Revise  
Compose Imagine Rewrite  
Improve Simplify  
Construct Innovate Solve  
Integrate Speculate  
Create Invent Substitute  
Delete Make up Suppose  
Design Tabulate  
Develop Maximise Test  
Minimise Model Theorise  
Divide Devise Think  
Discover Modify  
Discuss Original Transform  
Elaborate Originate Visualise  
Defend Determine  
Justify Mark

## Actions:

Describing Definition  
Finding Fact  
Identifying Classifying  
Label Comparing  
Listing Exemplifying  
Locating Explaining  
Naming Inferring  
Recognising Interpreting  
Retrieving Reproducing  
Testing Paraphrasing  
Retrieving Workbook  
Worksheet Summarising

## Outcomes:

Collection Examples Carrying out  
Diary Executing Implementing  
Illustrations Label Using  
Interview Implementing  
Journal Label  
Performance Outline  
Presentation Outline  
Sculpture Show and tell  
Simulation Summary

## Actions:

Demonstration Attributing Abstract  
Deconstructing Chart  
Integrating Checklist  
Organising Database  
Outlining Graph  
Structuring Mobile  
Report Report  
Spread sheet Survey

## Outcomes:

Constructing Advertisement  
Designing Chart  
Devising Checklist  
Integrating Media product  
Inventing New game  
Making Painting  
Planning Plan  
Producing Project  
Song Structuring  
Story Spread sheet  
Survey Survey

## Questions:

Can you list three ...?  
Can you recall ...?  
Can you select ...?  
How did \_\_\_\_ happen?  
How is \_\_\_\_?  
How would you describe ...?  
How would you explain ...?  
How would you show ...?  
What is ...?  
When did ...?  
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Why did ...?

## Questions:

Can you explain what is happening ... what is meant ...?  
How would you classify the type of ...?  
How would you compare ...? contrast ...?  
How would you rephrase the meaning ...?  
How would you summarise ...?  
What can you say about ...?  
What facts or ideas show ...?  
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Which is the best answer ...?  
Which statements support ...?  
Will you state or interpret in your own words ...?

## Questions:

How would you use ...?  
What examples can you find to ...?  
How would you solve \_\_\_\_ using what you have learned ...?  
How would you organise \_\_\_\_ to show ...?  
How would you show your understanding of ...?  
What approach would you use to ...?  
How would you apply what you learned to develop ...?  
What other way would you plan to ...?  
What would result if ...?  
Can you make use of the facts to ...?  
What elements would you choose to change ...?  
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What questions would you ask in an interview with ...?

## Questions:

What are the parts or features of ...?  
How is \_\_\_\_ related to ...?  
What do you think ...?  
What is the theme ...?  
What motive is there ...?  
Can you list the parts ...?  
What inference can you make ...?  
What conclusions can you draw ...?  
How would you classify ...?  
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Can you identify the difference parts ...?  
What evidence can you find ...?  
What is the relationship between ...?  
Can you make a distinction between ...?  
What is the function of ...?  
What ideas justify ...?  
What changes would you make to solve ...?  
How would you improve ...?  
What would happen if ...?  
Can you elaborate on the reason ...?  
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Can you invent ...?  
How would you adapt \_\_\_\_ to create a different ...?  
How could you change (modify) the plot (plan) ...?  
What could be done to minimise (maximise) ...?  
What way would you design ...?  
Suppose you could \_\_\_\_ what would you do ...?  
How would you test ...?  
Can you formulate a theory for ...?  
Can you predict the outcome if ...?  
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What facts can you compile ...?  
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Can you think of an original way for the ...?

# Example Outcome: Effective or not?

1. *Understand the American criminal justice system*
2. *Describe the history of the American criminal justice system in terms of effective and ineffective practices.*

Understand is not a measurable verb, and it was too broad for a unit level objective. Therefore, we narrowed the focus



# Different Types of Outcomes

- **Learning Outcome**: Emphasis is on knowledge and/or ability gained.
  - *Students will be able to evaluate and rank soil types on their ability to promote citrus tree growth.*
  - *Students will be able to effectively utilize color and shape to unify compositions and support content.*
- **Process Outcome**: Emphasis is on implementation and consistency.
  - *150 students will attend the Resume builder workshops in total over the course of the academic year.*
  - *By the completion of the doctorate, each student will submit 5 times for peer-reviewed publication.*
- **Satisfaction Outcome**: Emphasis is on satisfaction or enjoyment.
  - *75% of student will be satisfied with the amount of feedback provided by his/her faculty member in a given course.*

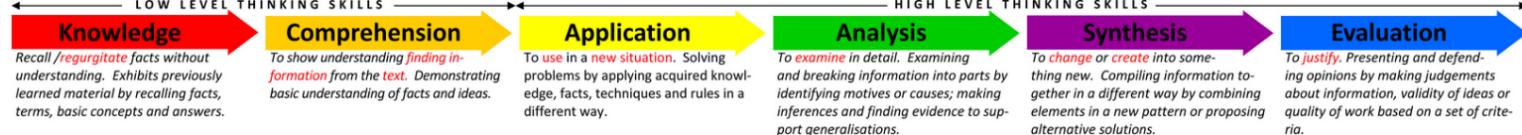
# Bloom's Taxonomy of Learning: Activity

1. Choose **one** of your Big Ideas or an outcome you already have from a program/course/activity/experience
2. Rewrite it to reflect the Highest Order Thinking Skill that is appropriate
3. Discuss your creation/revision with your workshop partner
4. Whole class discussion & reflection



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Delete Make up Suppose  
Design Tabulate  
Develop Maximise Test  
Minimise Model Theorise  
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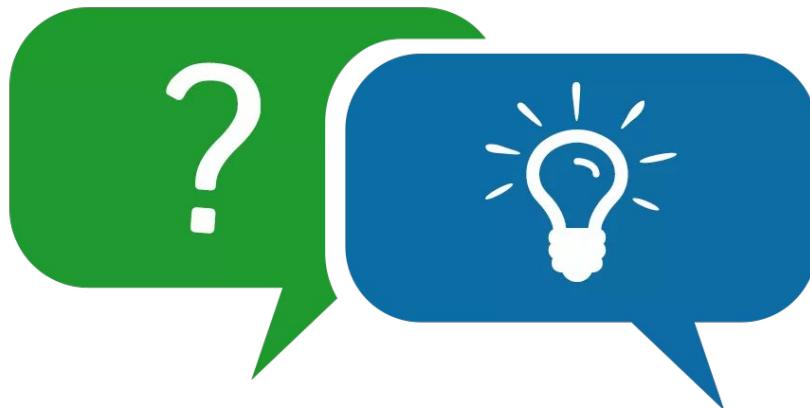
# Student Outcomes: Circle Back

Creating Experiences that are Outcomes Based:

- Conceptualize the big ideas
- Reflect on existing outcomes/expectations
- Revise using Bloom's Taxonomy

Next Step: Mapping Student Experiences to Outcomes

# Thanks for participating!!



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