

Developing Student Learning Outcomes

Remember your ABCs!

A Audience

Your audience in student learning outcomes is always the student.

B Behavior

Use future tense action verbs (see verb list for helpful words).

C Condition

Include the factors associated with the behavior.

D Degree

You may or may not include the degree or acceptable level of performance.

Follow the formula!



Practice writing student learning objectives. You may choose to write an objective related to one of your current projects.

1.

2.

3.

Verb List for Writing Learning Objectives

Cognitive (Thinking) Domain

| KNOWLEDGE | COMPREHENSION | APPLICATION | ANALYSIS | SYNTHESIS | EVALUATION |
|-----------|---------------|-------------|---------------|------------|------------|
| Cite | Arrange | Adapt | Analyze | Arrange | Appraise |
| Choose | Associate | Apply | Appraise | Assemble | Approve |
| Count | Clarify | Catalogue | Audit | Build | Assess |
| Define | Classify | Chart | Break down | Combine | Choose |
| Label | Convert | Compute | Calculate | Compile | Conclude |
| List | Describe | Consolidate | Categorize | Compose | Confirm |
| Locate | Diagram | Demonstrate | Certify | Conceive | Criticize |
| Match | Draw | Develop | Compare | Construct | Critique |
| Name | Discuss | Employ | Contrast | Create | Diagnose |
| Recall | Estimate | Extend | Correlate | Design | Evaluate |
| Recognize | Explain | Extrapolate | Criticize | Devise | Judge |
| Record | Express | Generalize | Deduce | Discover | Justify |
| Repeat | Identify | Illustrate | Defend | Draft | Prioritize |
| Select | Locate | Infer | Detect | Formulate | Prove |
| State | Outline | Interpolate | Diagram | Generate | Rank |
| Write | Paraphrase | Interpret | Differentiate | Integrate | Rate |
| | Report | Manipulate | Discriminate | Make | Recommend |
| | Restate | Modify | Distinguish | Manage | Research |
| | Review | Order | Examine | Organize | Resolve |
| | Sort | Predict | Infer | Plan | Revise |
| | Summarize | Prepare | Inspect | Predict | Rule on |
| | Transfer | Produce | Investigate | Prepare | Select |
| | Translate | Relate | Question | Propose | Support |
| | | Sketch | Reason | Reorder | Validate |
| | | Submit | Separate | Reorganize | |
| | | Tabulate | Solve | Set up | |
| | | Transcribe | Survey | Structure | |
| | | Use | Test | Synthesize | |
| | | Utilize | Uncover | | |
| | | | Verify | | |

Attitudinal or Affective (Valuing) Domain

| RECEIVING | RESPONDING | VALUING | ORGANIZATION | CHARACTERIZATION BY A VALUE OR VALUE COMPLEX |
|-------------|------------------|------------|----------------|--|
| Accept | Agree | Adopt | Anticipate | Act |
| Acknowledge | Allow | Aid | Collaborate | Administer |
| Attend (to) | Answer | Care (for) | Confer | Advance |
| Follow | Ask | Complete | Consider | Advocate |
| Listen | Assist | Compliment | Consult | Aid |
| Meet | Attempt | Contribute | Coordinate | Challenge |
| Observe | Choose | Delay | Design | Change |
| Receive | Communicate | Encourage | Direct | Commit (to) |
| | Comply | Endorse | Establish | Counsel |
| | Conform | Enforce | Facilitate | Criticize |
| | Cooperate | Evaluate | Follow through | Debate |
| | Demonstrate | Expedite | Investigate | Defend |
| | Describe | Foster | Judge | Disagree |
| | Discuss | Guide | Lead | Dispute |
| | Display | Initiate | Manage | Empathize |
| | Exhibit | Interact | Modify | Endeavor |
| | Follow | Join | Organize | Enhance |
| | Give | Justify | Oversee | Excuse |
| | Help | Maintain | Plan | Forgive |
| | Identify | Monitor | Qualify | Influence |
| | Locate | Praise | Recommend | Motivate |
| | Notify | Preserve | Revise | Negotiate |
| | Obey | Propose | Simplify | Object |
| | Offer | Query | Specify | Persevere |
| | Participate (in) | React | Submit | Persist |
| | Practice | Respect | Synthesize | Praise |
| | Present | Seek | Test | Profess |
| | Read | Share | Vary | Promote |
| | Relay | Study | Weigh | Promulgate |
| | Reply | Subscribe | | Question |
| | Report | Suggest | | Reject |
| | Respond | Support | | Resolve |
| | Select | Thank | | Seek |
| | Try | Uphold | | Serve |
| | | | | Strive |
| | | | | Solve |
| | | | | Tolerate |
| | | | | Volunteer (for) |

Psychomotor (Doing or Skills) Domain

| | | | |
|---------------|-------------|-------------|--------------|
| Absorb | Dispense | Macerate | Set |
| Add | Dispose | Measure | Sever |
| Adsorb | Dissect | Mix | Shake |
| Adjust | Dissolve | Moisten | Sharpen |
| Aliquot | Drain | Mount | Ship |
| Apply | Draw | Observe | Siphon |
| Aspirate | Dry | Obtain | Spin |
| Assemble | Elute | Open | Spread |
| Balance | Employ | Operate | Squeeze |
| Bind | Estimate | Pack | Stain |
| Blend | Evacuate | Palpate | Standardize |
| Build | Examine | Participate | Start |
| Calculate | Expel | Perform | Stick |
| Calibrate | Fasten | Pick | Stir |
| Centrifuge | Fill | Place | Stop |
| Change | Filter | Plate | Stopper |
| Choose | Fractionate | Plot | Store |
| Classify | Frame | Position | Suspend |
| Clean | Freeze | Pour | Take |
| Collate | Grade | Prepare | Test |
| Collect | Grasp | Press | Thaw |
| Combine | Grind | Process | Thread |
| Connect | Group | Produce | Tilt |
| Construct | Guide | Program | Time |
| Control | Handle | Pull | Tip |
| Combine | Heat | Puncture | Titrate |
| Confirm | Hemolyze | Push | Trim |
| Connect | Identify | Read | Touch |
| Construct | Illustrate | Record | Transfer |
| Control | Incubate | Release | Troubleshoot |
| Cool | Inject | Remove | Turn |
| Correct | Input | Replace | Type |
| Count | Insert | Resuspend | Use |
| Create | Invert | Retest | Utilize |
| Crush | Investigate | Rinse | View |
| Cut | Isolate | Roll | Warm |
| Decant | Label | Rotate | Wash |
| Demonstrate | Locate | Save | Watch |
| Describe | Localize | Scan | Weigh |
| Design | Lyse | Score | Withdraw |
| Dialyze | Maintain | Screen | Wipe |
| Differentiate | Make | Seal | Wrap |
| Dilute | Maneuver | Select | |
| Discard | Manipulate | Sensitize | |
| Dismantle | Mark | Separate | |

Nonfunctional Verbs

able to

acknowledge

appreciate

aware of

believe

capable of

comprehend

conscious of

enjoy

experience

knows/ has knowledge of

learn

memorize

show interest in

understand

familiar with