



Rewriting Objectives to Learning Outcomes

- Why Learning Outcomes?
- What Are Learning Outcomes?
- What Are General Learning Outcomes (GLOs)?
- What Are Specific Learning Outcomes (SLOs)?
- What Are the Characteristics of Good Learning Outcomes?
- What Is the Importance of Action Verbs?
- Writing Learning Outcomes
- Home Economics/Industrial Arts: Rewriting Objectives to Learning Outcomes Samples
- Tips for Rewriting Objectives to Learning Outcomes



REWRITING OBJECTIVES TO LEARNING OUTCOMES

What Are Learning Outcomes?

Learning outcomes are statements that indicate what learners will know or be able to do as a result of a learning activity. Learning outcomes are usually expressed as knowledge, skills, or attitudes.

Learning outcomes provide direction in the planning of a learning activity. They help to

- focus on the learner's behaviour/action
- serve as guidelines for content, instruction, and assessment
- identify specifically what should be learned
- convey to learners exactly what is to be accomplished

Why Learning Outcomes?

- enable students to learn more effectively
- enable teachers to design their materials more effectively by acting as a template
- enable teachers to select the teaching strategy for the intended learning outcome
- enable teachers to select the assessment strategy based on the materials delivered

What Are General Learning Outcomes (GLOs)?

GLOs identify the broad categories of knowledge, skills, and attitudes that students are expected to learn and be able to do in a subject area or course.

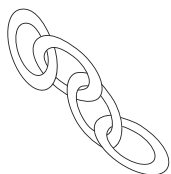
What Are Specific Learning Outcomes (SLOs)?

SLOs identify the knowledge, skills, and attitudes that contribute to a GLO.

What Are the Characteristics of Good Learning Outcomes?

Learning outcomes have three distinguishing characteristics. The specific action by the learner must be:

1. observable
2. measurable
3. obtainable



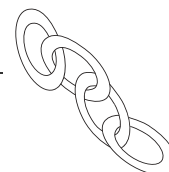
What Is the Importance of Action Verbs?

The verb chosen for each learning outcome statement should be an action verb which results in behaviour that can be observed and measured.

The following verbs can be used in writing learning outcomes.

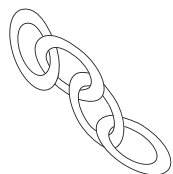
Verb List for Writing Student Learning Outcomes						
Verbal/ Linguistic Verbs	Adapt	Discuss	Give in own	Prescribe	Retell	
	Address	Display	words	Present	Reword	
	Amend	Distinguish	Indicate	Pretend	Rewrite	
	Answer	Draft	Inform	Produce	Revise	
	Argue	Elaborate	Interview	Publish	Specify	
	Articulate	Embellish	Introduce	Question	State	
	Associate	Enrich	Invent	Quote	Suggest	
	Compose	Enunciate	Justify	Read	Summarize	
	Convert	Expand	Label	Recall	Synthesize	
	Convince	Explain	List	Recite	Teach	
	Create	Express in	Listen	Recognize	Tell	
	Critique	other terms	Make up	Recommend	Translate	
	Debate	Extend	Memorize	Redirect	Transmit	
	Defend	Form	Modify	Relate	Use	
	Define	Generalize	Name	Repeat	Write	
	Demonstrate	Generate	Paraphrase	Report		
	Describe	Give	Point out	Restate		
	Devise	examples	Predict	Respond		
	Interpersonal Verbs	Advise	Design	Identify	Perceive	Role play
		Articulate	Discuss	Illustrate	Plan	Seek
Assign		Display	Improve	Play	Share	
Coach		Educate	Interpret	Practise	Show	
Communicate an opinion		Empathize	Interview	Present	Solve	
Compose		Encounter	Instruct	Project	Spell out	
Contribute		Evaluate	Justify	Receive	Teach	
Create		Experience	Listen	feedback	Train	
Demonstrate		Explain	Motivate	Record	Translate	
		Give feedback	Organize	Relate	Write	
Intrapersonal Verbs		Access	Contrast	Evaluate	Point out	Revise
		Advocate	Concentrate	Explain	Position	Rewrite
	Amend	Conclude	Explore	Practise	Select	
	Analyze	Contribute	Focus	Prepare	Self-reflect	
	Apply	Create	Illustrate	Propose	Share	
	Appraise	Critique	Imagine	Rank	Show	
	Assess	Decide	Interpolate	Rate	Suggest	
	Assimilate	Defend	Interpret	Recognize	Support	
	Award	Demonstrate	Judge	Recount	Tell	
	Choose	Describe	List	Redraw	Track	
	Communicate an idea	Determine	Make	Reflect	Use	
	Compare	Discriminate	Narrate	Report	Validate	
		Draw	Plan	Review	Write	

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Verb List for Writing Student Learning Outcomes (continued)						
Logical/ Mathematical Verbs	Analyze	Convert	Discriminate	Hypothesize	Rank	
	Appraise	Count	Distinguish	Infer	Resolve	
	Apply	Criticize	Estimate	Integrate	Select	
	Arrange	Decide	Evaluate	Interpret	Separate	
	Brainstorm	Decipher	Examine	Link	Sequence	
	Break down	Deduce	Exercise	Measure	Simplify	
	Calculate	Demonstrate	Extrapolate	Modify	Solve	
	Cause/Effect	Derive	Find	Observe	Test	
	Check	Detect	examples	Order	Track	
	Classify	Determine	Find	Outline	Translate	
	Combine	Develop	relationships	Plot	Unify	
	Compare	Devise	Find	Ponder	Verify	
	Compute	Differentiate	unknown	Predict		
	Conclude	Discern	Formulate	Prove		
	Contrast	Discover	Grasp	Puzzle		
	Body/ Kinaesthetic Verbs	Act out	Determine	Interpret	Post	Sort
		Adjust	Develop	Invent	Practise	Spin
		Apply	Devise	Investigate	Prepare	Spring
		Arrange	Discover	Jump	Present	Stage
		Bend	Display	Keep records	Produce	Stand
Blend		Divide	Leap	Put	Stretch	
Build		Document	Locate	Put in order	Subdivide	
Categorize		Dramatize	Make	Put to use	Survey	
Change		Engage	Make up	Put together	Tabulate	
Choose		Erect	Manipulate	Rearrange	Take apart	
Classify		Examine	Match	Reconstruct	Touch	
Collect		Execute	Measure	Record	Trace	
information		Exercise	Model	Reorder	Track	
Combine		Experiment	Modify	Reorganize	Train	
Compare		Fill in	Move	Restructure	Transfer	
Compile		Find	Operate	Role play	Turn	
Complete		Fold	Order	Rotate	Twist	
Conduct		Form	Organize	Search	Uncover	
Construct		Fuse	Participate	Select	Underline	
Count		Gauge	Perform	Separate	Use	
Create		Group	Pick	Shake	Vault	
Demonstrate		Imitate	Plan	Show	Write	
Design		Inspect	Point	Simulate		

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Verb List for Writing Student Learning Outcomes (continued)						
Visual/Spatial Verbs	Build	Design	Formulate	Make	Render	
	Cast	Diagram	Graph	Mark	Reorder	
	Change	Distinguish	Identify	Mind map	Represent	
	Chart	Divide	Illustrate	Model	Reproduce	
	Convert	Draw	Improve	Organize	Show	
	Compose	Elaborate	Integrate	Originate	Sketch	
	Copy	Embellish	Interpret	Outline	Transform	
	Create	Enlarge	Invent	Produce		
	Decorate	Expand	Label	Rearrange		
	Demonstrate	Form	List	Recognize		
	Musical/Rhythmic Verbs	Amplify	Demonstrate	Illustrate	Play	Sing
		Arrange	Elevate	Incorporate	Practise	Stage
		Blend	Enhance	Interpret	Present	Train
Classify		Explain	Listen	Produce	Modify	
Compare/ Contrast		Express	Make up	Represent	Write about	
		Harmonize	Modify	Retell		
Compose		Hear	Orchestrate	Select		
Create		Hum	Perform	Show		

Writing Learning Outcomes

Use the blank templates and samples included in this package as a guideline as you rewrite objectives as learning outcomes. Blank templates and samples are also available online at Manitoba Education and Youth's website (www.edu.gov.mb.ca/ks4/). Additional website links are available on this website.

Home Economics / Industrial Arts: Rewriting Objectives to Learning Outcomes Samples

Home Economics: Food and Nutrition

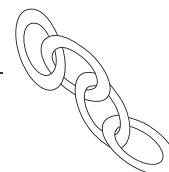
To integrate a variety of foods from each food group every day in one's diet to provide the energy necessary to lead an active life (refer to page 70).

Home Economics: Human Development

To recognize the importance of meeting basic needs and healthy personal development (refer to page 71).

Home Economics: Clothing and Textiles

To demonstrate an understanding that assists the consumer to make educated decisions about textile products (refer to page 72).



Industrial Arts: Comprehensive Safety

To demonstrate safe practices with tools, machines, materials, and related processes (refer to page 73).

Industrial Arts: Comprehensive Measurement

To select appropriate measurement tools and apply measurements in practice (refer to page 74).

Industrial Arts: Planning and Design

To perform tasks that demonstrate application of the design process to a project (refer to page 75).

Tips for Rewriting Objectives to Learning Outcomes

- Start with the Advanced general learning outcomes and proceed to the Intermediate, Introductory, and then Exploratory learning outcomes. Use a backward process.
- Compare the learning outcomes in each category with what you are currently doing in the classroom.
- Keep the general learning outcomes plain and simple.
- The specific learning outcomes have to support the general learning outcome.

