

GEARS-IDS Suggested Lesson Template

An educational resource for creating and organizing daily lessons and units of instruction

Lesson Title

Give you lesson a clear title that communicates the focus of the lesson

1.0 Description

0.1 1-2 short paragraphs describing the lesson.

2.0 Terms, Concepts and Definitions

2.1 Vocabulary list of new words found in the lesson. Include definitions

3.0 Materials/Equipment/Supplies/Software

3.1 All the materials, supplies and equipment required for the lesson or activities described.

4.0 Objectives.

4.1 What the participants will know and be able to do when they complete this lesson.

5.0 Things to know before you start.

5.1 Prerequisite knowledge. If reading a Multimeter or using a software application is required then that skill or knowledge should be listed.

6.0 Content.

The body of the lesson is where all the graphical and text information is presented. Diagrams, original photos and other artwork are included here.

7.0 Activity.

Appropriate activity/activities are introduced and explained. “How to” information is provided. Sequences of pictures and graphics and or a slide show presentation is included where needed.

8.0 Worksheets.

Reinforcement of the lesson, and directions for the activities should be provided.

9.0 Links and Resources.

Include web links, books and any source of additional information that would be helpful in supporting the lesson materials.

10.0 Rubrics and Assessment

Rubrics define the levels of proficiency and achievement and describe what the student should know and be able to do as a result of participating in the lesson or activity. The Rubric lists what the student should know as a result of participating in the lesson. What the student knows and how well they can demonstrate what they know and have learned are defined by the rubric.

Additional assessment tools can include:

- Performance assessment. (Successful students will field a working competitive machine.)
- Portfolio (An organized chronology of individual achievement)
- Work Sheets, Labs and design challenges.
- Tests and Quizzes

11.0 Student Response/Journal Entry/Assignment

Student maintain journals, notebooks or web pages in order to:
Organize student's work
Reinforce the lessons
Provide a chronology of learning and a record of what the student's know and are able to do.

12.0 Media Content.

Movies, computer animations, slide shows, and or interactive flash animations that illustrate key concepts. (Level II)

13.0 Other.

This is a catch all section that can include nearly anything that an individual teacher feels will supplement or enhance a given lesson or unit of instruction. This is a great place to make notes on what worked and what didn't as well as plans and improvements for the next time the lesson or unit is presented.