

Unit and Lesson Template Definitions

Unit Plan Template

Unit Title -- title of the unit

Grade Level -- grade level for which the unit is intended

Unit Time -- classroom time to complete all lessons in the unit

Summary -- one or two paragraphs stating the overall goals of the unit and a brief description of the activities that will help achieve those goals.

Subject Area(s) -- subjects followed by the broad topics covered within that subject

Educational Standards -- enter the educational standards below, group first by subject (if more than one), then by strand within each type

MSTECF Standards (ID and full text) -- select as many Massachusetts Science and Technology / Engineering Curriculum Framework, standards as apply to this unit

WPS Benchmarks (ID and full text) -- select as many Worcester Public School Benchmarks as apply to this unit

Additional Learning Objectives -- completes what each student should know when the unit is finished. It is not necessary to repeat objectives contained in the standards above.

Essential Questions -- questions that challenge the students to think and explore, and once answered, demonstrate a more profound understanding of the subject matter than a test of factual information. Essential questions do not have one right answer and cannot be answered in a single sentence. Each unit should have about 2 to 5 essential questions and contain supportive activities that will guide the students towards developing answers.

Lessons -- heading for individual lessons (nothing to fill in)

1. Title of Lesson 1 - as stated
2. Title of Lesson 2 - as stated
3. etc...

Pre-Requisite Knowledge -- list of key concepts or skills that the students should know before starting this unit.

Vocabulary List (w/out definitions) – list of all the words the students should know for this unit.

Summative Assessment/Evaluation -- written documentation that learning has occurred, usually in the form of a test or rubric. List items here and attach.

Unit Background and Concepts for Teacher -- list of subject areas, concepts or skills that the teacher should know before teaching this unit

Unit Extension Activities -- additional activities for the students to try if there is additional time after completing the rest of the unit Describe here, if brief, or list and attach full description.

Attachments -- above items plus anything additional that a teacher might want in addition to the information listed in the unit plan

Background and Concept Details, Assessments, Unit Extension Activities

Unit References -- full bibliographic citation and brief summary of sources used by contributors to write this unit. Descriptions should help direct the teachers where to learn more about a unit topic. If a website, the reference should still contain full bibliographic information.

Comments -- special instructions regarding this unit.

Redirect URL -- link to website(s) associated with the contributors that may contain, in the future, more up to date information for the unit than originally deposited here. Include short description.

Owner ID --The organization that posted the unit plan (WPI)

Contributors -- creators of this unit plan

Key Words -- Selected words chosen from a supplied list for grade level that can be used to lookup and classify the unit quickly and reliably.

Lesson Plan Template

Lesson Title -- title of the lesson

Grade Level -- grade level for which the lesson is intended.

Lesson Time -- classroom time to complete the lesson

Instructional Mode (Whole Class, Small Group, Partner, Independent Activity, Demonstration, Other)

Team/Group Size -- how many students in each team/group

Summary – a few sentences stating the overall goals of the lesson and a brief description of the activities that will help achieve that goal.

Learning Objectives -- what each student should know when the lesson is completed, subset of the standards and additional learning objectives in unit plan

Essential Questions -- subset from unit plan

Introduction / Motivation – a short demonstration, discussion or activity intended to spark the interest of the students and focus their attention on the topic of the main activity

Procedure -- list of steps and brief descriptions of how the teacher will perform the lesson.

Materials List (per class, per group and / or per student) -- total materials needed and in what quantities

Vocabulary with Definitions – words the students should know for this lesson and their definitions

First Word –

Second Word –

Assessment/Evaluation of Students -- questions presented written or orally to determine what the students learned from the lesson. (List here, if brief, or attach)

Lesson Extensions -- additional activities for the students to try if there is additional time after completing the rest of the lesson (List here and attach)

Attachments -- anything additional that a teacher might want in addition to the information listed in the lesson plan

Procedure (more detailed for distribution to students), Overheads, Handouts,
Worksheets, Assessments, Lesson Extensions

Troubleshooting Tips -- helpful hints concerning potential problems with the lesson

Safety Issues -- suggestions on how to avoid or manage any concerns (sharp instruments, fire, toxic chemicals, food allergies, etc.) that may pose a threat to the health and well being of the students

Redirect URL -- supporting websites that are necessary for the running of this lesson

Key Words -- subset of unit key words, selected words chosen from a supplied list for grade level that can be used to lookup and classify lesson quickly and reliably.