



## Guidelines for Creating a Lesson plan

A lesson plan is a teacher's detailed description of the course of instruction for an individual lesson. The detail of the plan will vary depending on the preference of the teacher, subject being covered, and the need and/or curiosity of children. The lesson plan prepared would have all the components of the lesson and detail the step by step progress of the lesson, suggest various teaching aids, methods and related support for the lesson. The volunteer teachers are however at liberty to improve upon the methodology, way of teaching or use their own presentations, videos and other support to make the lesson more interesting within the framework of the curriculum and syllabus.

### Developing a lesson plan

#### I. Structure of Lesson Plan

Lesson plan has a tabular format.

The first three rows must clearly state the following as Headers-

1. LESSON PLAN  
BOARD NAME  
ACADEMIC YEAR
2. AUTHOR  
DATE OF CREATION  
VERSION
3. SUBJECT  
CLASS  
LESSON

Please refer to the below image showing the arrangement of these headers.

<b>LESSON PLAN</b> <b>KARNATAKA STATE BOARD</b> <b>ACADEMIC YEAR -2018-19</b>		
<b>AUTHOR: ANKITA SRIVASTAVA</b>	<b>DATE OF CREATION: 9 APRIL, 2018</b>	<b>VERSION: 1</b>
<b>SUBJECT: SCIENCE</b>	<b>CLASS: VII</b>	<b>LESSON: HEAT AND TEMPERATURE</b>

The next row contains Learning Objectives which may be *behavioral objectives* (what the student can *do* at lesson completion) or *knowledge objectives* (what the student *knows* at lesson completion). Textbooks generally list down these objectives for every chapter which can be used as reference.



**Learning Objectives:** Upon completion of this module, students will be able to:

1. Define heat and temperature.
2. Make a list of the differences between heat and temperature.
3. Explain the construction of a laboratory thermometer.
4. Develop the skill of drawing the diagram of a lab thermometer.
5. Explain the construction of a clinical thermometer.
6. Develop the skill of drawing the diagram of a clinical thermometer.
7. Measure the temperature using lab thermometer and clinical thermometer.

The next Header row of the table has two columns, namely- Lesson Unit and Total Time to Complete the Chapter (In Periods)

Next row has four columns-

- i. Period No.
- ii. Topic & Sub topics to be covered
- iii. Teaching/Learning Stages
- iv. Exercises & Activities.

Please refer to the below image.

Lesson Unit		Total Time to complete the chapter (in Periods): 5	
Period No.	Topic & Sub Topics to be covered	Teaching/ Learning stages	Exercises & Activities

## II. Content of the Lesson Plan

A lesson plan contains some or all of these elements, typically in this order:

- The set (or lead-in, or bridge-in) that focuses students on the lesson's [skills](#) or [concepts](#)—these include showing [pictures](#) or [models](#), asking leading [questions](#), or [reviewing](#) previous lessons
- An *instructional component* that describes the sequence of events that make up the lesson, including the teacher's instructional input and guided practice the students use to try new skills or work with new ideas
- *Independent [practice](#)* that allows students to extend skills or knowledge on their own
- A [summary](#), where the teacher wraps up the discussion and answers questions
- 99An [evaluation component](#), a test for mastery of the instructed skills or concepts—such as a set of questions to answer or a set of instructions to follow
- *Analysis component* the teacher uses to reflect on the lesson itself —such as what worked, what needs improving
- A *continuity component* reviews and reflects on content from the previous lesson

Key points to consider while creating the lesson plan:



- Lesson plan contains two components- Lesson Plan presentation and Lesson plan document.

#### 1. Lesson Plan Presentation

- Lesson plan presentation contains any text material to be covered in the class.
- The presentation should ensure that all topics given in the textbook are covered. Please insert slide numbers in the presentation. References to the slide numbers are made in the lesson plan document wherever required.
- The presentation is preferably created in the regional language.

#### 2. Lesson Plan Document-

- The lesson plan document should have only the instructions for the teachers to carry out their class.
- Please ensure that the lesson plan is made as per the textbook only, that is, it should cover the entire textbook content.
- Each row in the lesson plan is preferably dedicated to one particular sub topic from the chapter. So please identify different topics and subtopics from the chapter before beginning the lesson plan.
- Please ensure that the activities, examples etc. mentioned are relevant to our students.
- Please feel free to explore Wikividya while creating the lesson plan. You would find many useful resources like textbooks, links to YouTube channels, websites etc. which can be included in the lesson plan/presentations.
- Please include relevant PPT which is required to be shown to the student and indicate the same as part of the lesson plan in the relevant section of the lesson plan.
- You may include any relevant worksheets and mention the worksheet number & name in the lesson plan accordingly.

**i. Period Number-** This column contains the period numbers in which that particular Sub-topic would be covered. For example, if the 1<sup>st</sup> sub-topic takes one period to be covered, you can mention '1' in the period no. column. If it would take two periods, then please mention '1 & 2' in the period no. column. Then the next sub-topic would be started in period 3 and so on.

**ii. Topic & Sub topics to be covered-** Topic name and its subtopics are listed here.

**iii. Teaching/Learning Stages-** It consists of three sub divisions-

o **Pre-learn**

This is the introduction of the topic through familiarizing the students with the existing knowledge of the topic. It involves recalling students' previous knowledge related to the topic and often testing their understanding of the topic (Quiz/discussion).



o **Learn- Explain**

Here the students are explained the concepts of the content based on the text book. A typical flow would look like this:

- o Introduction of the topic (with Activity/quiz/story)
- o Explanation (using videos, images etc)
- o Creating a concept map (preferably for each sub topic)
- o Evaluate using Q&A.

o **Post learn-Explore**

This phase is where the concepts are reinforced and assessed for the level of understanding of the concepts by the students. A typical flow would be:

- o Noting down of Difficult Terminologies from the topic
- o Orally revisiting the topics taught in the class so far
- o Making a **concept map** of the sub-topic and a **Mind map** at the end of the chapter

**iv. Exercises & Activities**-It covers three aspects:

- *Key Words/Word Help*- It involves identifying difficult words/terminologies as and when encountered in the lesson and providing its meaning (plus any other relevant detail like examples, opposite words etc).
- *Exercise*- It includes some Q&A, listing, comparison using a table, drawing diagram, textbook exercise, homework etc. If you pick an exercise from the textbook, please mention the activity/exercise number (as per the textbook) and textbook page number.
- *Activity*- Activity must be something that the students are supposed to perform, like an experiment, a game, a chart presentation etc. If the activity is being taken from the text book, please mention the textbook activity number as well as page number. You may suggest multiple activities which explain the same concept.

Please number the exercises and activities sequentially, topic wise. For example, exercises from topic 1 should be named as Exercise1.1, Exercise1.2 and so on. Similarly for the 2<sup>nd</sup> topic, it can be named as Exercise2.1, exercise2.2 etc. Same convention should be followed for the activities as well.

You may use the template provided below to create your lesson plan.





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To Educate - Anywhere Anytime

Please name your lesson plan in the following format-

**LP\_Grade\_Subject\_ChapterName\_Board\_Version.docx** so that it is easier for us to organize and identify.

GUIDELINES