

Daily Lesson Plan (DLP)

Topic. Plot your Plants.		Day: 2
Grade: 4-5	Lesson Name: How long will you need to run your system each week to provide sufficient water?	Time :(60 Mins.)

Topic	How long will you need to run your system each week to provide sufficient water?		
Weekly keywords	Mulch, drip water, medium flow, row spacing, etc.		
Seating plan	<input type="checkbox"/> Individual	<input type="checkbox"/> Pairs	Group of 4
Skill development	<input checked="" type="checkbox"/> Reading <input type="checkbox"/> Reflection <input type="checkbox"/> Other (Specify)	<input checked="" type="checkbox"/> Writing <input type="checkbox"/> Illustration	<input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Presentation <input type="checkbox"/> Collaboration <input type="checkbox"/> Observation <input type="checkbox"/> Research

Objectives: ➤ The students will be able to:	Learn about how long will you need to run your system each week to provide sufficient water
Teaching Resources:	Laptop/multimedia, pictures, writing board, notebook, piece of paper, pen/pencil, plants, worksheet
Teaching Learning Strategies	
Introduction: 5 mins. Start the lesson by asking the students to recall the previous lesson and share its important points. Listen to their responses and give feedback. Methodology: (20 mins.) Activity: (30 mins.) (Group Work) Determination Of Crop Water Needs	

To calculate the water needs for the various months during which the crop is grown is fairly complicated and explained in Part II of this manual.

As stated before, it is often possible to obtain data on crop water needs locally and it is thus not necessary to calculate them.

However, to give the reader some idea on values of seasonal water needs for the most important field crops. Table 5 can be used as a guide.

Table 5 APPROXIMATE VALUES OF SEASONAL CROP WATER NEEDS

Crop	Crop water need (mm/total growing period)
Alfalfa	800-1600
Banana	1200-2200
Barley/Oats/Wheat	450-650
Bean	300-500
Cabbage	350-500
Citrus	900-1200
Cotton	700-1300
Maize	500-800
Melon	400-600
Onion	350-550
Peanut	500-700
Pea	350-500
Pepper	600-900
Potato	500-700
Rice (paddy)	450-700
Sorghum/Millet	450-650
Soybean	450-700
Sugarbeet	550-750
Sugarcane	1500-2500

Sunflower	600-1000
Tomato	400-800

Wrap up (5mins.): Wind up the lesson by asking the students randomly to share their findings.

Home Assessment:

The students will do the worksheet as homework.

Worksheet

Lesson Evaluation:

- Teacher was able to accomplish all aspects of the lesson well ☐
- Teacher was not able to do warm up activity ☐,
- develop lesson plan well ☐,
- do the learning activity ☐,
- do wrap up ☐,
- accomplish lesson objective ☐,
- manage time well ☐,
- manage class well ☐

Worksheet Day

Name: _____

Topic: Plot the Plants

Class: _____

Subject: Science

Write down the water need of any five seasonal crops of the region:
