

# Multi Disciplinary Project

Class VII

Mathematics

Total marks :- 15

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The first page of the report file/folder will have the following description.

Name of the Group	
Names of the Group members	
Class/Section	

Subject	Topic of the activity	Teachers' sign
Mathematics		

Subject	Title/Description of the task	Guidelines for the students
Mathematics	(i) Prepare a frequency distribution table based on the variety of flowers seen/blooming during the rainy season. (ii) Prepare a bar graph based on (i) (iii) Calculate the average of the various disasters/accidents happening during the month of July and August.	Students will observe the surroundings and collect datas related to (i) variety of flowers (ii) Number of disasters/accidents recorded everyday. (Can collect datas through different medias like newspaper,radio,TV,internet etc)

**Rubrics:**

Students will be assessed as per the following parameters-

Parameters	Below Average	Average	Above Average	Outstanding
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	0 pts	1 pts	2 pts	3 pts
<b>Contents</b>	Does not include all the points, and/or not numbered correctly.	Includes few points and/or not numbered correctly.	Includes all except some points and are numbered correctly	Includes all the points, numbered correctly.
<b>Presentation, Cover</b>	Dull and not attractive.	Colorful but not appealing	Colorful and done with appropriate scientific, ICT and mathematical skills.	Colorful and done with appropriate scientific ICT and mathematical skills
<b>Graphs &amp; Data</b>	Visuals show little understanding of the graph concept. Completely insufficient data.	Visuals show some understanding of the graph concept. Almost insufficient data.	Visuals show substantial understanding of the graph concept. Almost sufficient data.	Visuals show complete understanding of the graph concept. Sufficient data.
<b>Mathematical, Scientific Concepts</b>	Not clearly elaborated and/or doesn't add to the reader's understanding of items over a period of time	Not clearly elaborated but adds to the reader's understanding of items over a period of time.	Clearly elaborated and adds to the reader's understanding of items over a period of time.	Clearly elaborated and greatly adds to the reader's understanding of items over a period of time.
<b>Neatness, Effort &amp; Sequence of pages</b>	Project report has lots of distracting errors. Most of the pages are out of sequence.	Project report has some distracting errors. Most of the pages are in the sequence.	Project report has almost no distracting errors and is easily readable. Almost all of the pages are in sequence.	Project report has no distracting errors and can be easily read. Sequence of pages is perfect.