## Assam Going Online (AGO)

Class: 8

Subject: Maths

Topic: Uses of Data

## Learning Objective:

- The students will understand the importance of data in our daily life.
- The student will learn how to collect data and to represent data.
- The student will know different ways of representing a data.

Day	Time	Activities	<b>Resource Link</b>
20 r Day- 1	mins	Activity 1: The students will make a list of the vegetables that are available in the kitchen and will prepare a list. They will represent it using any graph. Then they will share it with their teacher.	



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	40 mins	Activity 2: The students will find the height and weight of the family members and will calculate the BMI. They will present it through a graph and will identify whose BMI is the highest.	https://youtu.be/8RawIX3kwcU (bar graph) https://youtu.be/ARmh0AJoXtQ (double bar graph)
Day- 2	20 mins	Activity 3: The students will conduct a survey with their friends and siblings on their favourite sport and represent it in a graph.	https://www.toppr.com/content/video/frequency- distribution-table-hindi-120279/ (frequency distribution table)
	20 mins	Activity 4: The student will present a survey data of his/her locality using a graph which will show the literacy level of the locality.	https://youtu.be/BLOA5V5bAUE (Pie chart)
Day- 3	30 mins (for each activity)	<ul> <li>Assessment: <ul> <li>The students will write 3 reasons on, what is the use of data in our daily life.</li> </ul> </li> <li>The students will collect 2 weeks' newspaper and will check the temperature chart of their city/village. Then they will make 2 different graphs with the highest and lowest temperature of the 2 weeks from that data and share it with the teachers.</li> <li>The students will conduct an interview with the nearest food stall/restaurant to take a data on the customer frequency level of one day and will present it in a chart. They will share it with the teacher.</li> </ul>	



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