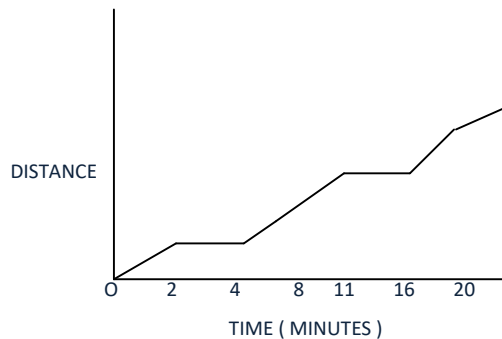


- Gopal is trying to measure time using a simple pendulum whose time period is 10 seconds. The pendulum completed 6 oscillations . What is the measure of time at this point ?
- You want to measure the speed of flow of a river . You make a paper boat and place the paper boat in the river . You allow the paper boat to flow for a distance of 20 m . You notice that boat takes 40 second to cover 20 m . What is the speed of river flow ?
- The distance between two stations is 1995km. How much time a car will take to cover this distance at an average speed of 19km/h.
- D-t graph of your school bus today is given below . Can you tell for how many minutes did the bus not move during the journey ?



ACTIVITIES:

- Find out a park near your locality and go for a walk along with your parents . Estimate the distance of the park from your home and note down your time taken in fixed intervals to reach out there. Plot a distance – time graph for the same on colored A4 size sheet and calculate your average speed in m/s .
- Look up for ingredients of various products used at your home (like- toothpaste, cough syrup, oil, Talcum powder, shoe polish, toilet cleaner, surf, soap etc) . Try to locate atleast one chemical in each of them displayed on their packet. Classify these chemicals into category of useful and harmful chemicals . Display it creatively on a chart.
- Prepare turmeric indicator at your home and classify your household products (Eg- soap, surf, vinegar, lemonade , baking soda, water, glucose , ENO etc) into acidic , basic and neutral substances . Record your observation in a tabular form in your science notebook.
- Maintain your scrapbook named as '**MY GREEN DIARY**' which you had already started in your previous class . Look up for any two medicinal (eg-basil, madar, aloe vera, lavender, dandelion etc) and any two ornamental plants(eg- Amaltas, Red bottle brush, Roses , tulips etc) in your locality . Find out their any two uses and their mode of reproduction. Write the same in your green diary . Also click your picture with these plants and paste in your green diary .

NOTE: SOLVE YOUR WORKSHEET ON A SEPARATE SHEET.