

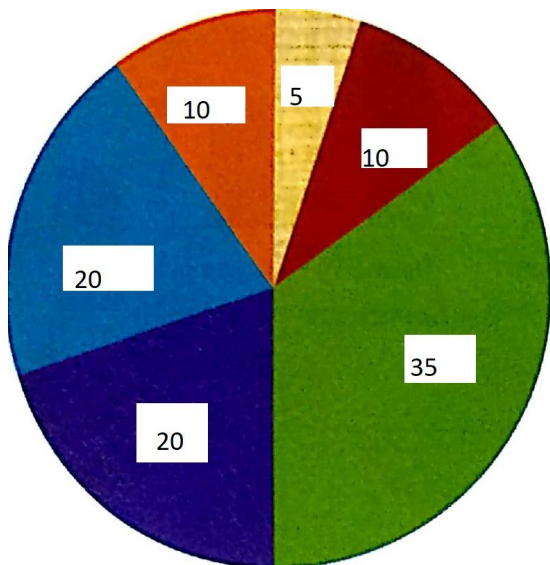
# Mix bag - Cycle 11

## Task 1 :

A public health organization conducted a survey in a school and published a report on the weight of school bags used by 100 students selected at random.

Average Weight 2Kg	Average Weight 4Kg	Average Weight 6Kg	Average Weight 8Kg	Average Weight 10Kg	Average Weight 12Kg
5	10	35	20	20	10

The following circle graph indicates the average weight of the school bags.



Study the circle graph and answer the questions:

1. What is the weight of the lightest bag that students carried?
  2. How many students carried bags weighing 2 kg, 6 kg and 12 kg?
  3. How many students carried bags that weighed more than 8 kg?
  4. What is the weight of the bag that most number of students carried? (Answer in mg)
  5. What is the weight of the heaviest bag that students carried? (answer in g)
- Challenge: How many students carried bags that weighed 10,000 g?

No of students are represented in the circle graph

## Task 2: Create a T-Chart (Left side - Primary source and Right side - Secondary source)

Divide the below source as per their types

Diaries	Encyclopedia	Letters	Photographs	Sculptures
Biographies	Autobiographies	Newspaper articles	Published books	Fact books

### Challenge Task:

During the lunch break students were asked to vote for their favourite food. 80 students responded and the teacher listed their food choices in the coloured table below:

Pizza	Roti	Noodles	Dosa	Rice
30	5	20	15	10

She wants to prepare a circle graph.

Can you colour and label the circle graph? Maintain the colour code given above.

Also prepare five questions based on the circle graph.

- 1.
- 2.
- 3.
- 4.
- 5.

