

## Models and Specimens *photo* visual Aids

Real objects are fully correct, and so far as may be possible, learning should be imparted to students through them. However, when it is not possible to get real objects, or when they cannot be presented due to any reasons, their models and specimens can be used. For example, the factories cannot be brought in the classroom, so their models can be shown to students. In the same way, animals cannot be brought in the classroom.

Models are very important in economics teaching. An economics teacher can display different types of things, such as mountains, forests, rocks, rivers, river current, clothing, industrial production etc.

Besides models, specimens too are very helpful in imparting real knowledge. Their use can make economics teaching worthwhile. Specimens of ancient coins, production, clothing, tea (black and green), manures, cheques, bills, hundis etc.

While presenting them, a teacher should keep the following points in view :

1. Specimens and models should be real. If they are small in size, they can be shown with the help of magnifier.
2. Some specimens can be dangerous, and should be handled carefully, such as chemicals.
3. It would be better to ask students to collect specimens.
4. They should be like the original.

5. They should be like the original in colour, make, shape etc.
6. All important parts of the real object should be there in them.
7. If models are got made by students, they have good educational value.
8. The size of models should be adequate to the class size. They should be presented such that all students can see them well.

### **Maps and Globes**

Maps and globes are quite important in teaching economics geography. They help us know the location of different place. They can be used to show the location of natural vegetation, forests, soils, means of irrigation, agricultural crops, commercial production, means of energy, minerals etc.

Globes too are very important in economics teaching.

While using maps and globe, an economics teacher should keep the following points in view :

1. Maps and globes should be accurate.
2. They should be well-made and clear.
3. Their size should be adequate to the class.
4. Their scales should be predetermined.
5. Their markings should be accurate and clear.
6. A map should not be crowded with so many aspects.
7. An index should always be there in maps.