**Lesson – 1**

**Pretty with a purpose**

**I. Word Focus**

1.Pollination

2. Fertilization

3. Stamen

5. Anther

6. Filament

7. Carpel

8. Stigma

9. Style

10. Ovary

11. Ovule

II. KWL Chart

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| --- | --- | --- |
| K | W | L |
| New plants can grow from seeds.  Some seeds can be eaten.  Seeds are in different shapes and sizes.  Some seeds are inside fruits or vegetables.  Seeds need water to grow. | How seeds start growing?  Why do some seeds need soil?  How do seeds spread?  How do plants use seeds to spread? | Different parts of seed and its function.  Different methods of seed dispersal.  How some seeds are adapted for different methods of dispersal.  Process of germination. |

III. Answer the following

1) How are sepals helpful for the plants?

* Sepals are special types of leaves that form around the petals.
* They protect the flower while it is a bud.

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2) What kind of flowers are pollinated by wind and bat?

Wind

* Pollinates flowers that are brightly coloured and donot have smell.
* Eg. Grass, wheat

Bat

* Pollinates flowers that re white and have strong fruity smell.
* Pollinates flowers that blooms at night.
* Eg. Guava, banana

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3) Define pollination.?

The process of

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4. List out the necessary conditions for a seed to grow into a new plant.tran

The necessary conditions for a seed to grow into a new plant are,

Air

Water

Warmth

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IV. Interactive activity

1. Parts of a seed
2. Methods of seed dispersal