

**NORTH-EX PUBLIC SCHOOL (Session 2020-2021)**

**CLASS –V**

**EVS**

**CH.4 THE PLANT STORY**

**TOPIC-SEED DISPERSAL**

**WORK SHEET 7 (PART 3 OF VIDEO)**

**Do all questions in a sheet.**

**Summary**

- Seed dispersal is carried out by wind, water, animals , and explosion.
- Light and hairy or wing-shaped seeds get dispersed by wind.
- Seeds of some plants have a waterproof coating and can float.
- Some seeds have hook –like structures are dispersed by animals.
- Many birds and animals eat fruits along with their seeds and thus help in dispersal.
- Many fruits burst with a sudden jerk thus dispersed by explosion.

**1. Fill in the blanks**

- a. The seeds of \_\_\_\_ disperse through wind.
- b. The process of seed dispersal in which fruits burst open is known as \_\_\_\_.
- c. \_\_\_\_ seed is dispersed by water.
- d. Tea was first discovered in \_\_\_\_.

**2. Write T for true and F for false.**

- a. Chillies or chilli peppers originally grew in Portugal.
- b. Some seeds have hook-like structures that help them to cling on to animal’s fur.
- c. Some plants have light and hairy or wing –shaped seeds.
- d. Coffee has been originated in Ethiopia, a country in Africa.

**3. Define the following terms**

- a. Dispersal of seeds
- b. Agents of dispersal

**4. Answer the following questions.**

- a. Why is seed dispersal important?
- b. Explain dispersal by explosion.
- c. How do animals help in the dispersal of seeds?
- d. How do tea shrubs grow?

**ACTIVITY**

<b>Plants</b>	<b>Countries</b>
Mango	
Corns	
Onions	

**5. Find out the places of origin of the following plants.**

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**ANSWER KEY -7**

1. a. Cotton/Dandelion, b. Explosion, c. Water lily/coconut/lotus d. China
2. a. False b. True c. True d. True
3. a. The process of scattering of seeds away from the parent plant is called seed dispersal.  
b. Seeds have special structures which help them to disperse with the help of wind, water, animals and human beings. **Wind, water, animals and human beings are all agents of seed dispersal.**
4. a. If seeds are sown very close to each other, they will compete for space, light, air, water and nutrients So plant will not be able to grow healthy. Therefore, seed dispersal is important.  
b. Many fruits burst with a sudden jerk, as a result the seeds are scattered on all sides, far away from the parent plant. For example, pea, Castor, Poppy etc.  
c. \*Some seeds have hook like structures that help them to cling on to animal's fur.  
\* Some seeds have sticky substances that help them stick to animal's skin.  
\* Some fruits like mangoes, oranges, apples are eaten by animals along with their seeds. The seeds come out of their seeds. The seeds come out of their bodies in their droppings and are scattered to different places.  
d. Tea shrubs are grown in mountain soil along mountain slopes, well-drained land, rich in humus and heavy rainfall. Only the top layers of the mature plant are picked. These buds and leaves are called 'flushes' . These are dried and processed into tea.

**ACTIVITY**

Plants	Countries
Mango	India
Corns	Central America
Onions	West Asia

**5. Find out the places of origin of the following plants.**