**The Primary Stage of Grades (4-5)**
**School Year 2022- 2023**

**Name:** _____

**Subject: Science**
**Unit 1: Flowering plants**
**Worksheet 3: Seed dispersal**

**Date:** / /

**Class:** <u>Grade 4 CP (All sections)</u>

_____

**Objective/s:**
- Understand different ways of seed dispersal.

**Question 1:**

**a)** Flowering plants and animals have a life cycle.
Write under each picture the name of the growth stage of the plant:



................................     ................................     ................................

**b)** Seeds are dispersed.

Sophia disperses seeds



**Which kind of seed dispersal is Sophia using? Circle the correct answer.**

**Water dispersal**     **Explosive dispersal**     **Wind dispersal**     **Animal Dispersal**

**Question 2:** Explain how each of the following seeds is dispersed:

Method: _____.

Why:_____

_____

_____

_____

Method: _____.

Why:_____

_____

_____

_____

Method: _____.

Why:_____

_____

_____

_____

Method: _____.

Why:_____

_____

_____

_____

Method: _____.

Why:_____

_____

_____

_____

Method: _____.

Why:_____

_____

_____

_____

**Question 3:**

Flowering plants need to disperse their seeds so that they can grow in new areas.

Look at the pictures below. Draw straight lines to join each picture to the correct method of dispersal.



Seed falls into water then is carried away.



Seed is eaten by an animal.



Seed is carried by the wind.



Seed sticks to a passing animal.
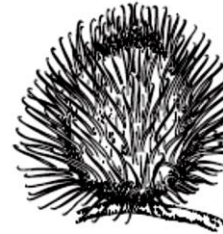
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**Question 4:**

1) The drawings show four fruits.



| dandelion | maple | hazelnut | burdock |

Which **two** of these plants rely on animals to disperse their fruits?

.................................................and ...........................................................

2) Seeds are dispersed from plants so they have a better chance to grow.

Here are some diagrams of fruits containing seeds.

Use these examples to answer the questions.



A          B          C          D

(a) Which **two** fruits from **A, B, C** or **D** dry to release the seeds?

................................................ **and** ...........................................................

(b) Which fruit **A, B, C** or **D** is dispersed by the wind?

...........................................................................................