

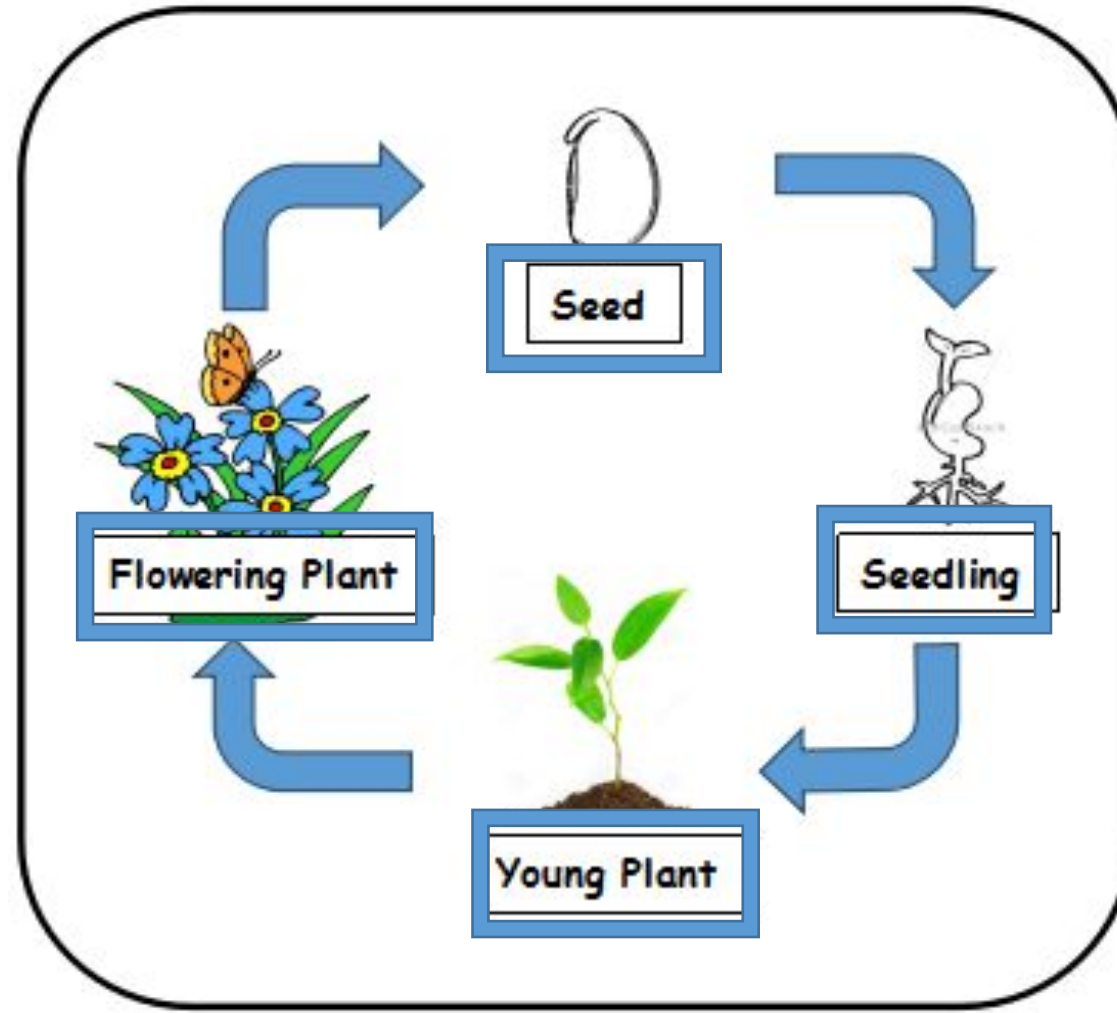
Plants

What do you remember about plants?

What is the **life cycle** of a plant?



Life cycle of a plant

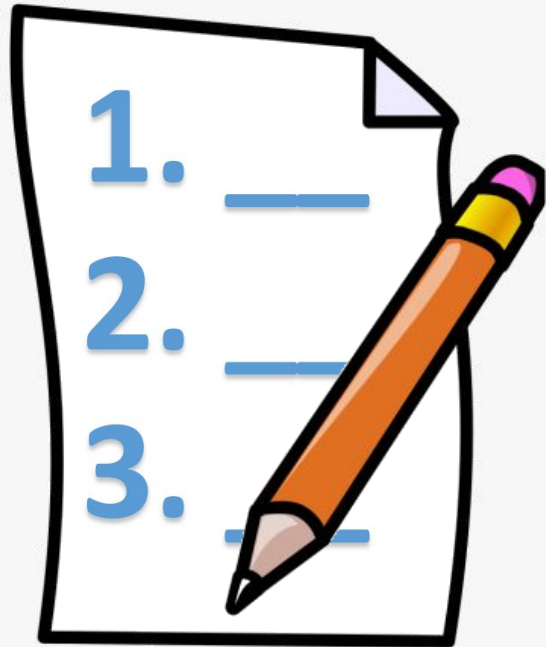


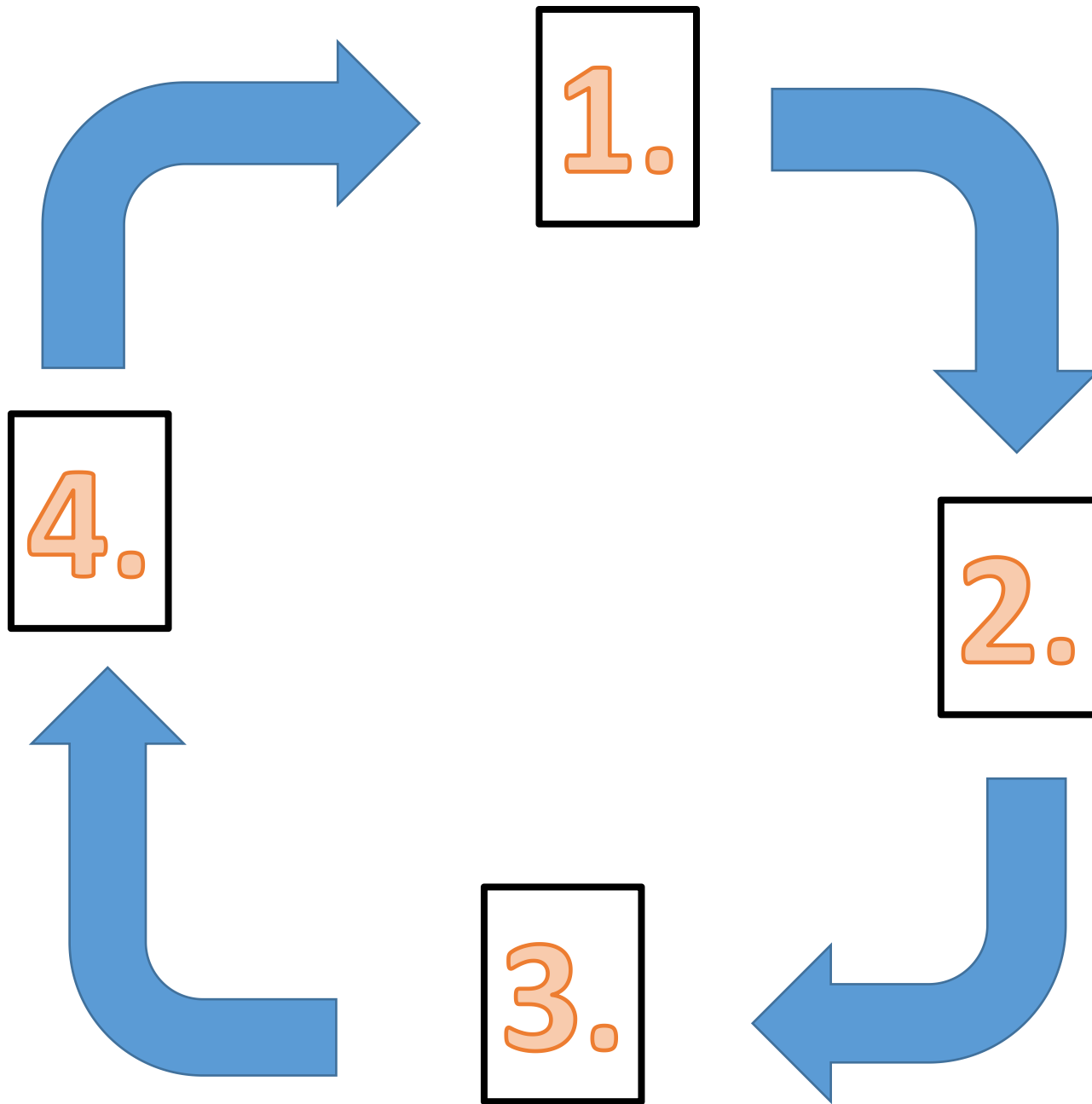
Question Time

1. Finish these 4 questions.

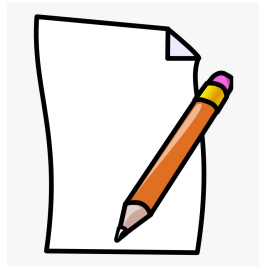
Write on a piece of paper.

2. Hands on head when finished!





Fill in the
blanks of the
plant life cycle.



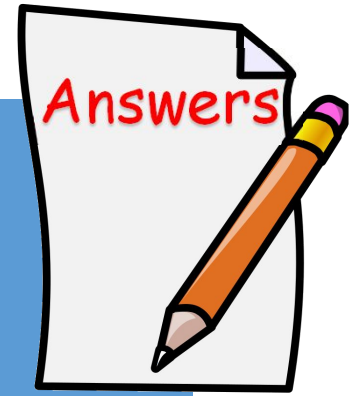
flowering plant

seedling

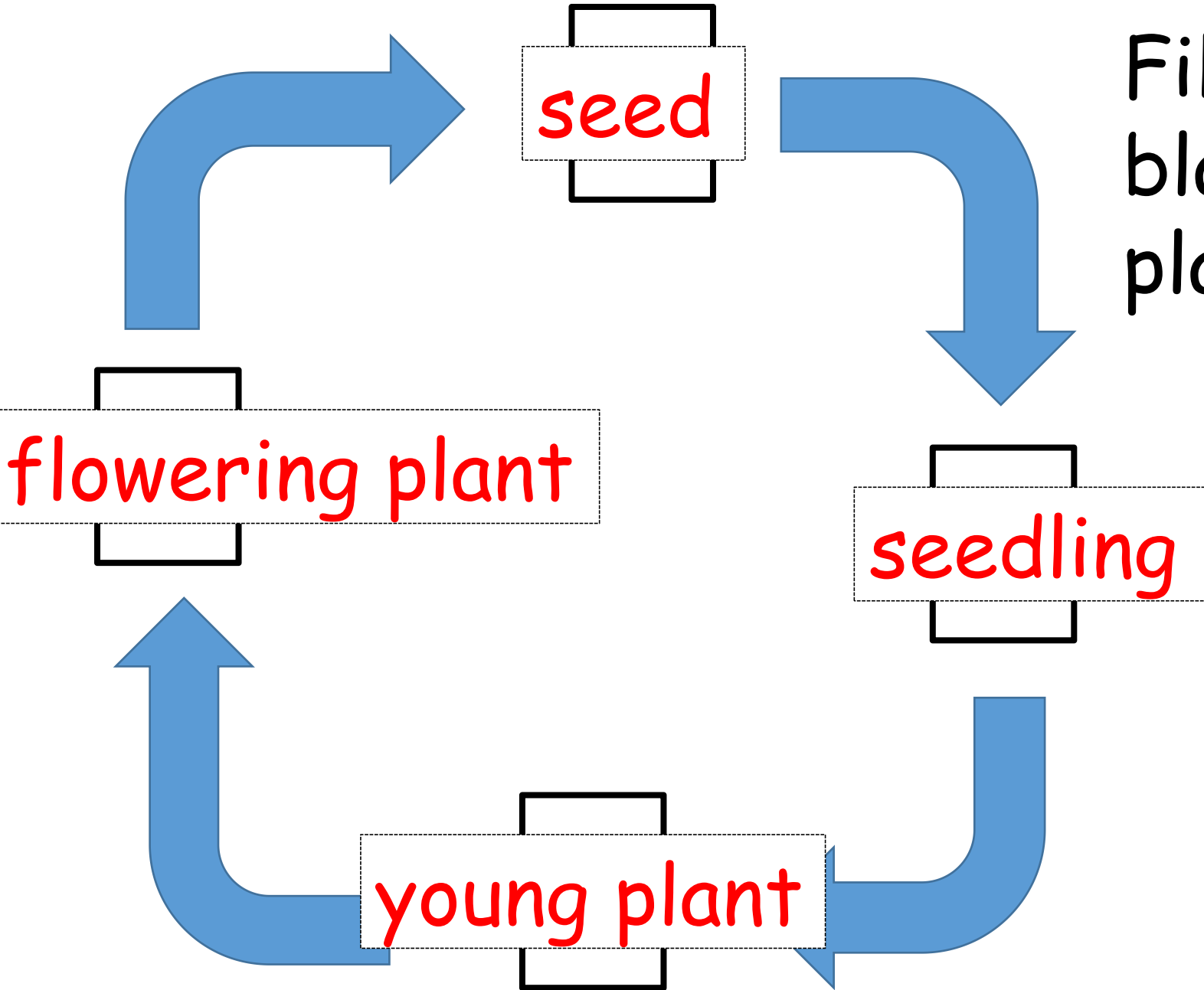
young plant

seed

Now let's go through the
answers.

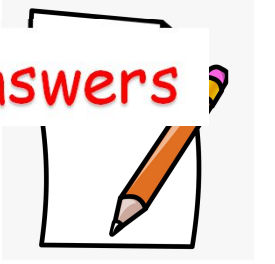


Explain how you found the
answer.

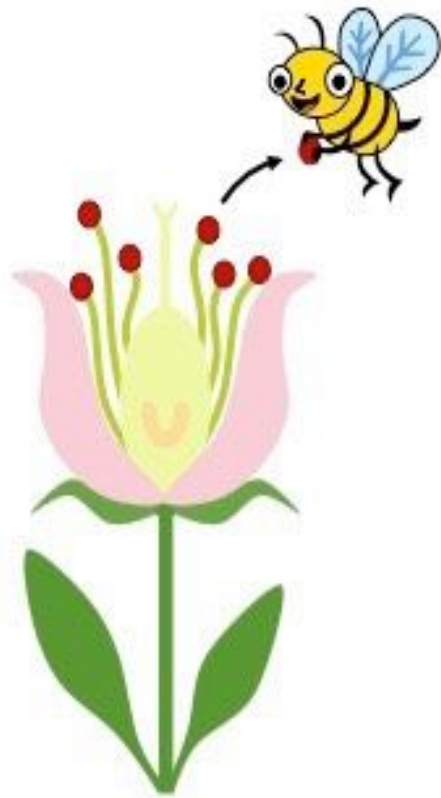


Fill in the
blanks of the
plant life cycle.

Answers



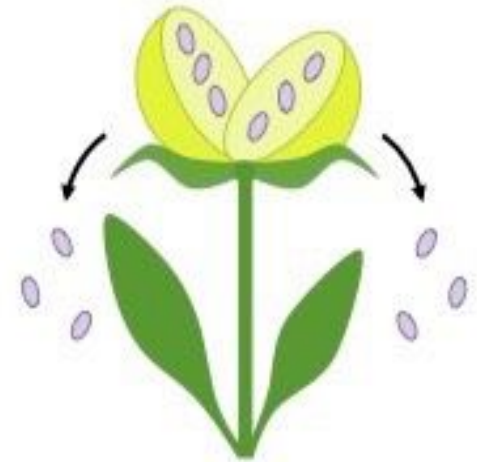
Seed dispersal



Pollination



Fertilization



Seed Dispersal



Seed dispersal

Dispersal means to spread or move.

Seed dispersal is the spread or movement of seeds!

Seed dispersal

1) Animal



2) Wind



3) Water



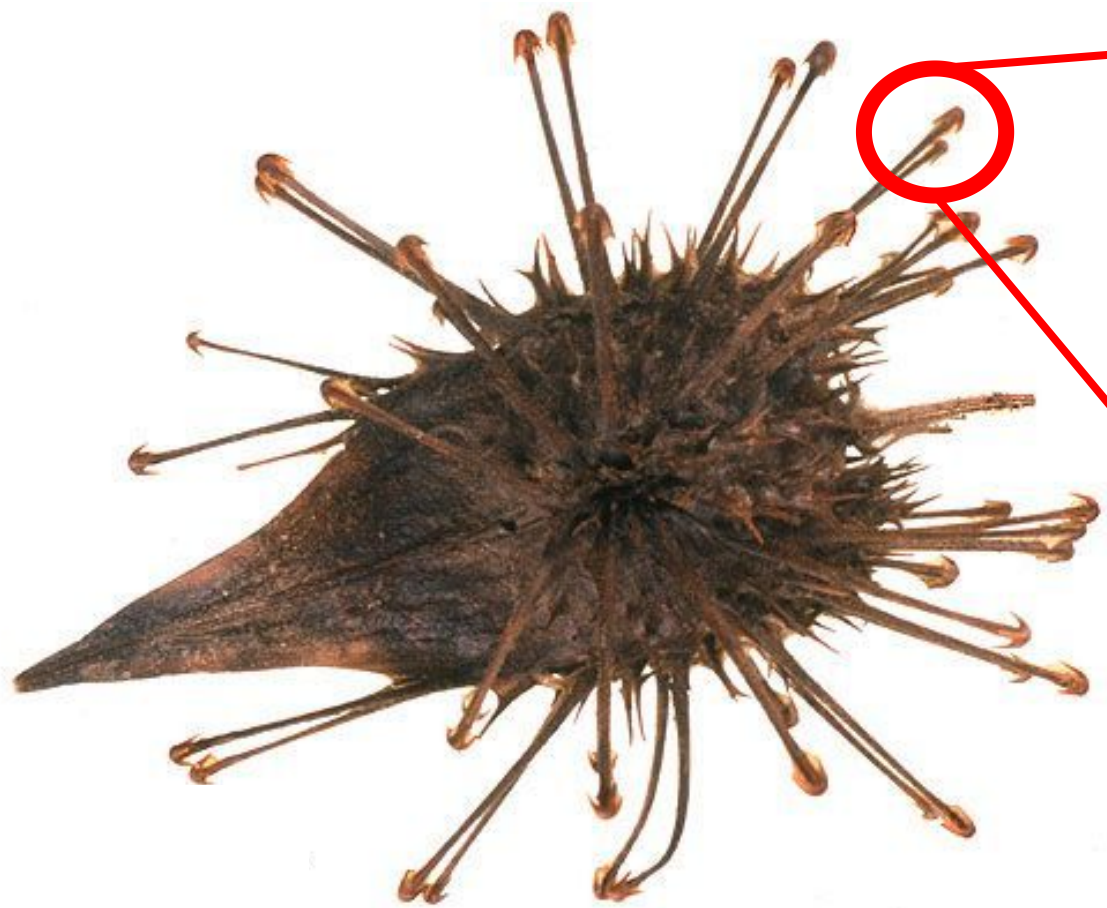
4) Explosion



Seed dispersal - Animal

Some seeds have hooks, or they are sticky. They can hook on to animals or feathers of birds.





hook



spike

Seed dispersal - Animal

Some animals, like birds, transport seeds far away when flying with them.



Seed dispersal - Animal



Animals, like squirrels, bury the seeds.

The seeds begin to grow in the soil.

Seed dispersal - Animal

Many seeds are
inside fruits.

Animals eat these
seeds and transport
them by making
waste!



Seed dispersal - Water



Some seeds can float in water. They get carried away in rivers or the ocean.

Seed dispersal - Wind

Some seeds act as parachutes. They are carried away by the wind.



Seed dispersal - Explosion

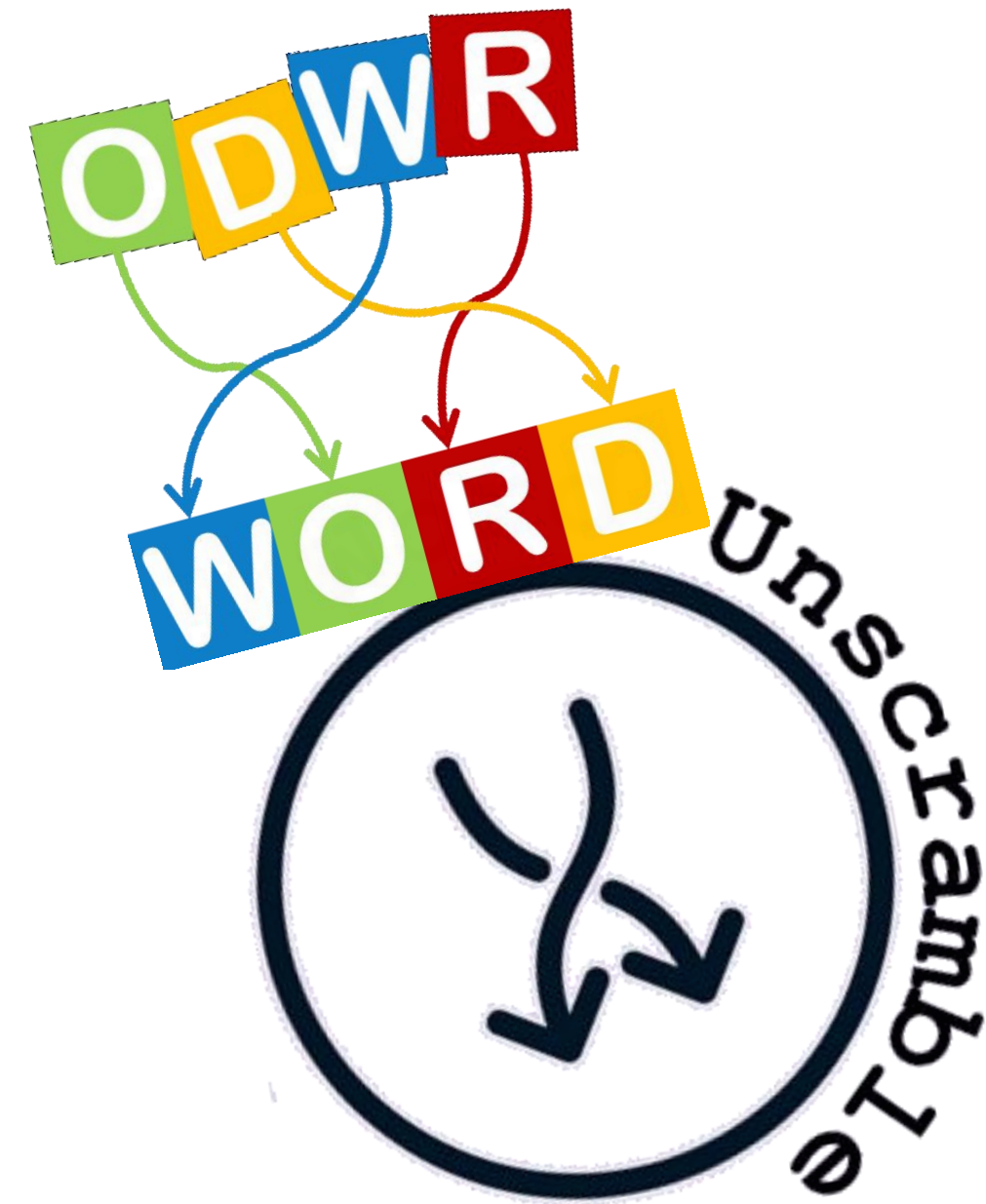
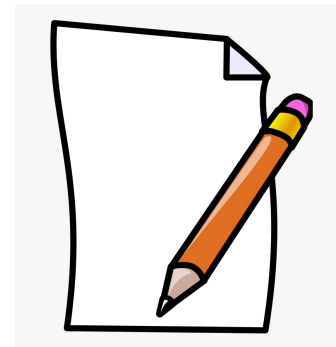
Some plants have pods with many seeds inside.

When seeds are ready, they explode!



explosion / explode





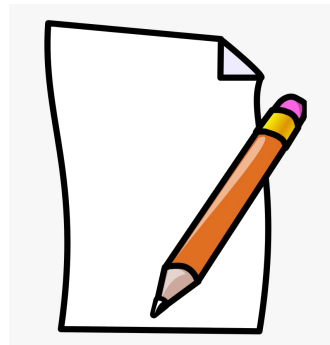
- Let's **look** at our words again and practice saying them.
- Then, some words will be **scrambled**.
- **Write** the words correctly on your paper.

Life Cycle of a Plant



engiFr low _____

edeS _____

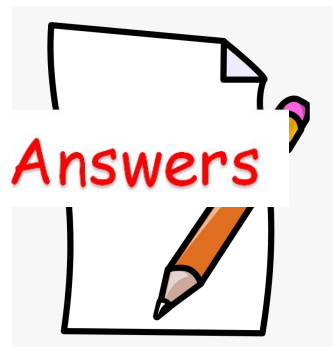


Life Cycle of a Plant



engifrlow Flowering

edeS Seed

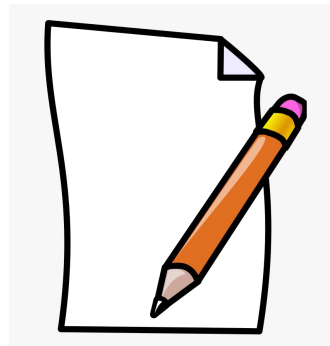


Life Cycle of a Plant



guoYn _____

edeSilng _____

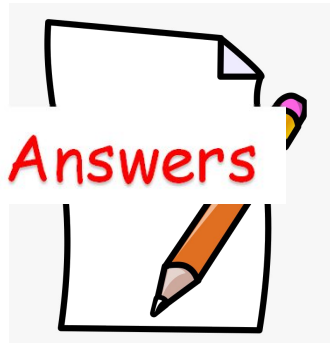


Life Cycle of a Plant



guoYn Young

edeSilng Seedling

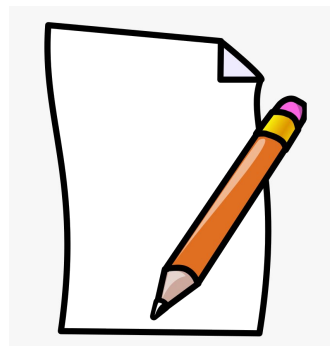


Seed Dispersal



Wtrea _____

irA _____

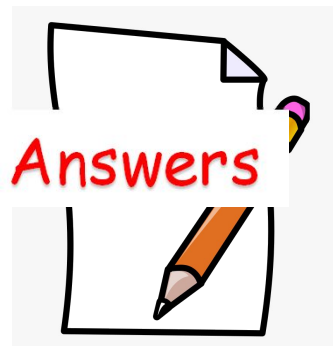


Seed Dispersal



Water Water

Air Air

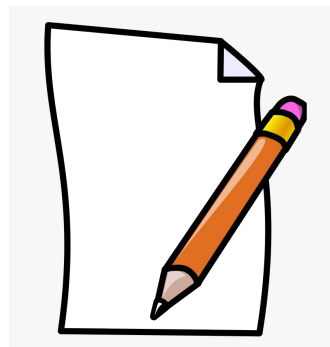


Seed Dispersal



Explosino _____

naiAml _____

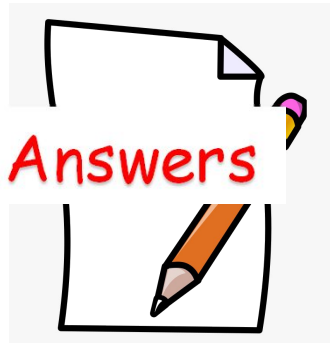


Seed Dispersal



Explosino Explosion

naiAml Animal



Friction

What do you remember about friction?

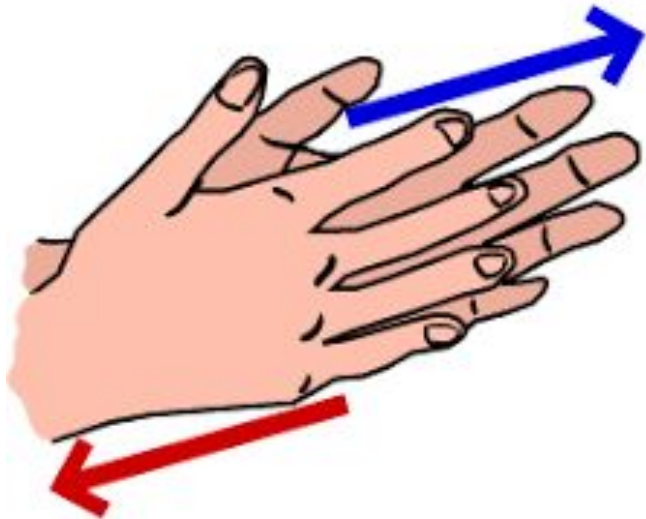
What is friction?





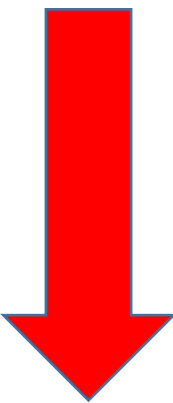

What is friction?

Friction is a force between two surfaces that rub together. It slows down moving objects.



slow =   = High Friction

Grip

fast =   = Low Friction



rough



=



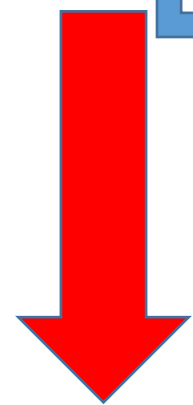
=

High Friction

smooth



=



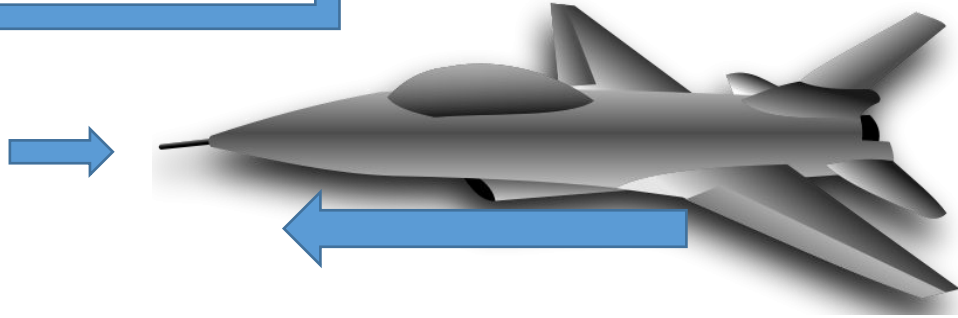
Grip



=

Low Friction

Air resistance is friction in the air.



Water resistance is friction in water.



In both air and in the water, what **shape** do things have to be to make things move faster?

This shape makes the air/water resistance **smaller** and things can move **faster**.

streamlined



Light and Shadows

What do you remember about light and shadows?



Light comes from different
sources called **light sources**

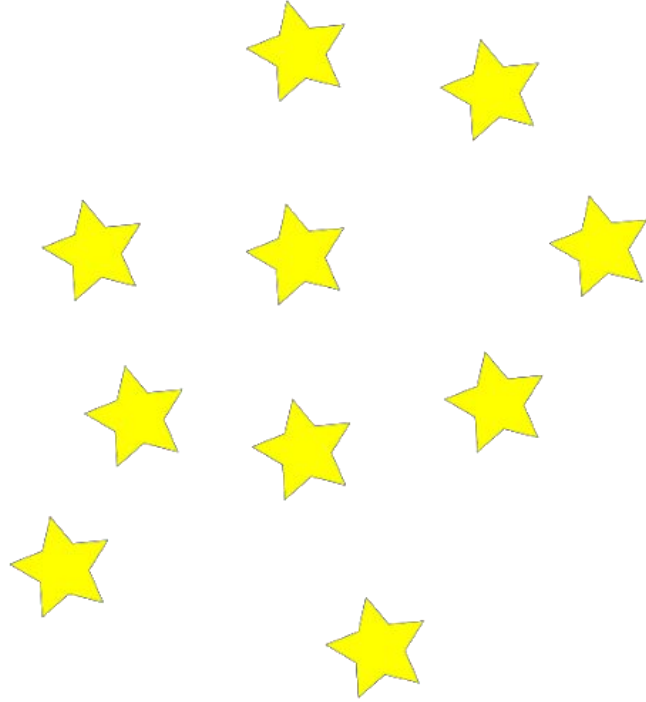


Our main natural (not made by people) light source is the sun.



Can you think of
other natural
light sources?

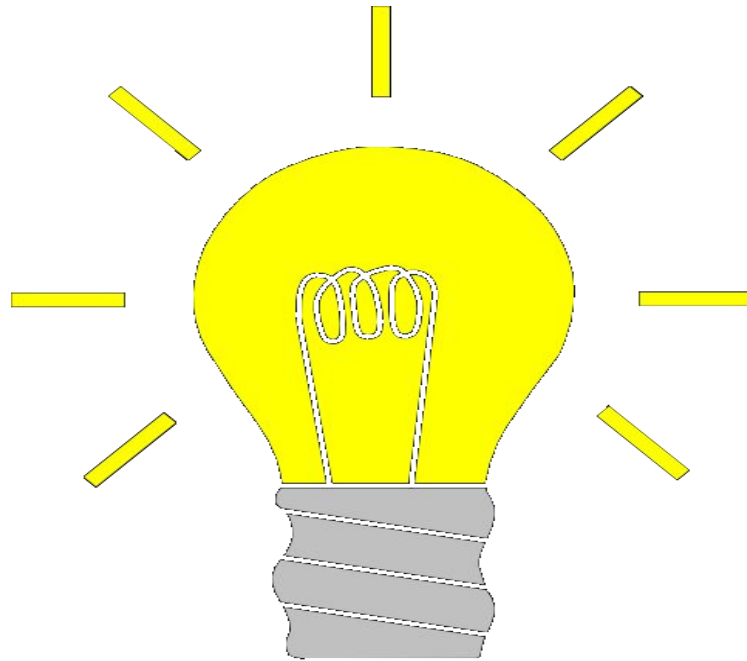
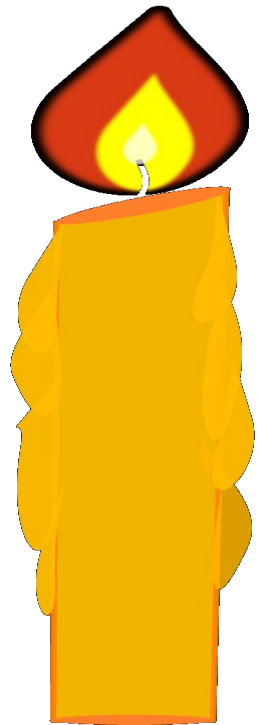
natural



Other sources of light are
man-made (made by people).

Can you think of any
man-made light sources?

man-made



Light always travels in a straight line.





Different objects make different shadows

A hand is holding a blue rectangular block with horizontal ridges. The block is positioned over a light-colored, textured surface. A dark, well-defined shadow of the block is cast onto the surface to its right. An arrow points from the text 'Dark shadow' to this shadow.

Dark shadow →

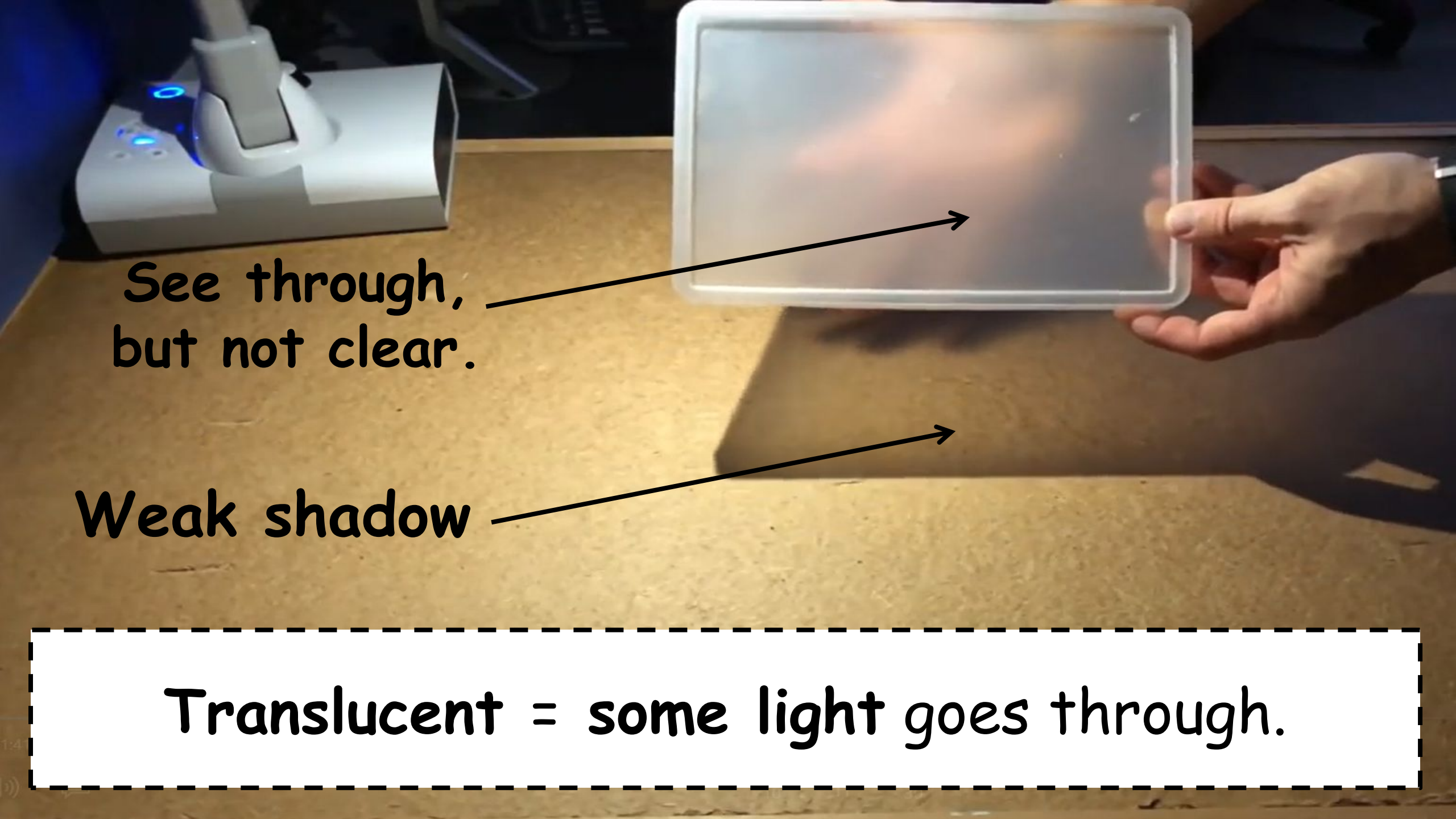
Opaque = no light goes through.

A photograph showing a person's hand holding a clear, transparent sheet over a brown cardboard surface. The hand is positioned on the right side of the frame, with fingers spread. The transparent sheet is held taut, revealing the cardboard underneath. A black arrow points from the text 'See through' to the transparent sheet. Another black arrow points from the text 'No shadow' to the cardboard surface beneath the sheet. A third black arrow points from the text 'Transparent = all light goes through.' to the transparent sheet. The background is a dark blue surface.

See through

No shadow

Transparent = all light goes through.

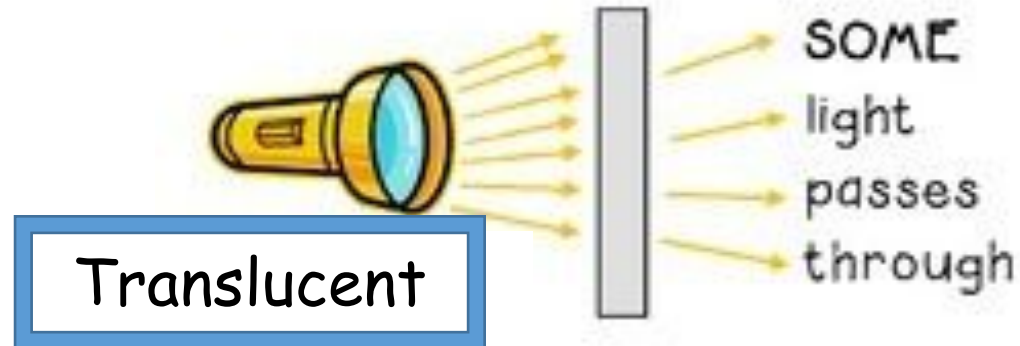


See through,
but not clear.

Weak shadow

Translucent = some light goes through.

Translucent, Transparent & Opaque

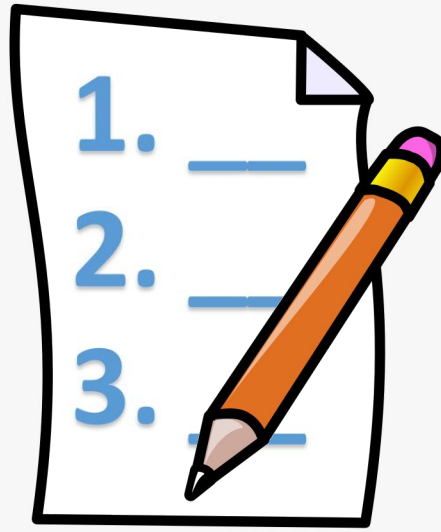


Question Time

1. Finish these 3 questions.

Write on a piece of paper.

2. Hands on head when finished!



Matching



Match the correct number, letter and shape.

Example of how to answer.

1) c, ▲

2) _____

3) _____

Number

1 Transparent

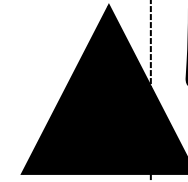
2 Translucent

3 Opaque

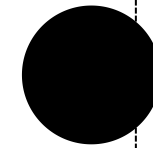
Letter



Shape



Lets **all** light
through

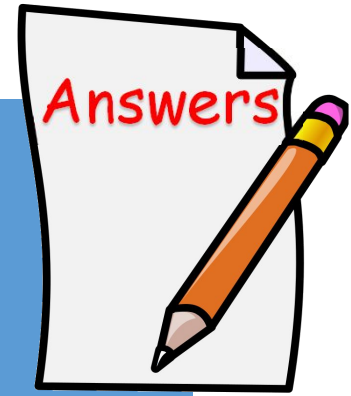


Lets **no** light
through



Lets **some**
light through

Now let's go through the
answers.

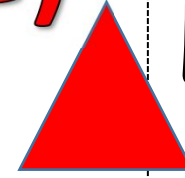


Explain how you found the
answer.

1 Transparent

(1, C, triangle)

C

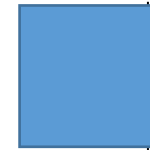
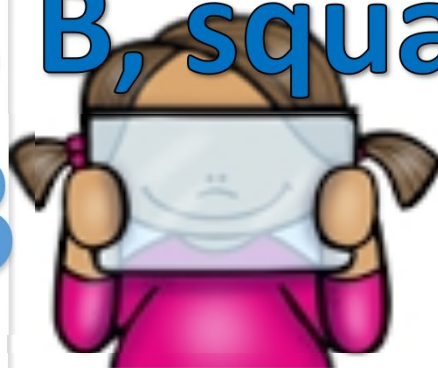


Lets **all** light through

2 Translucent

(2, B, square)

B

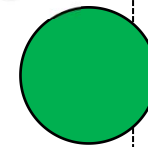


Lets **some** light through

3 Opaque

(2, A, circle)

A



Lets **no** light through