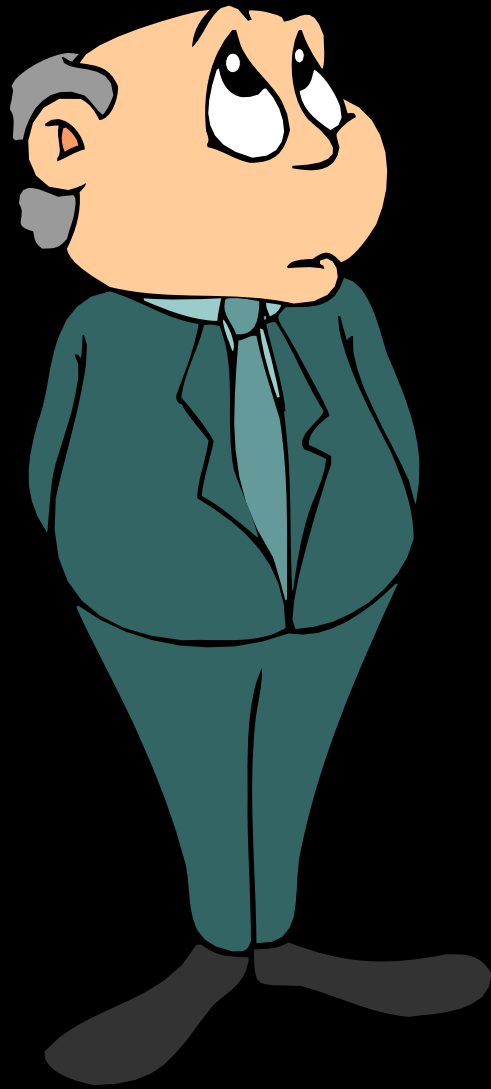
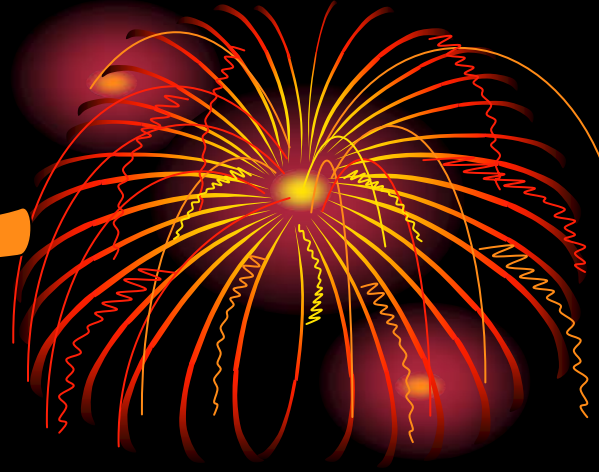


How do we see things?





W.A.L.T



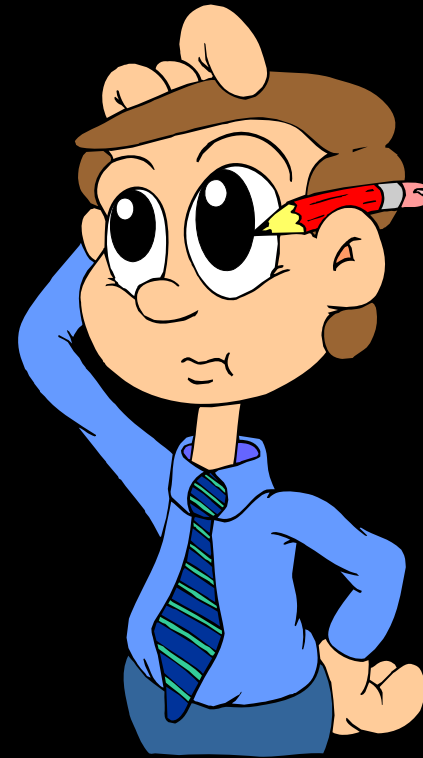
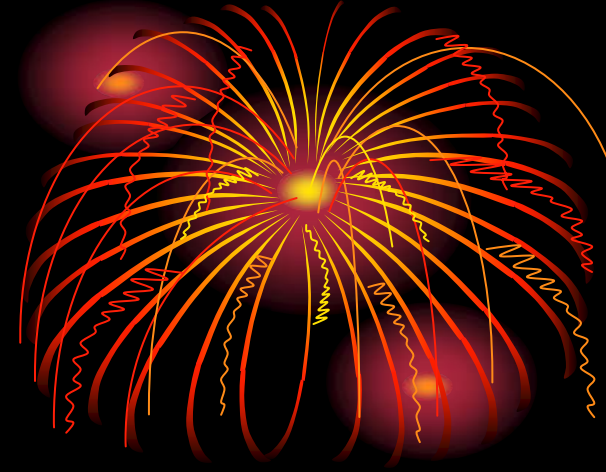
We Are Learning Today.....

about how we are able
to see things

W.I.L.F

What I'm Looking For...

is for all pupils to be able to discuss how we are able to see objects in terms of light paths



Entry Activity...

Reading in Mirrors...

dog

man

ball

bat

bike

ants

park

fins

pink

litter

sandy

shark

No cheating

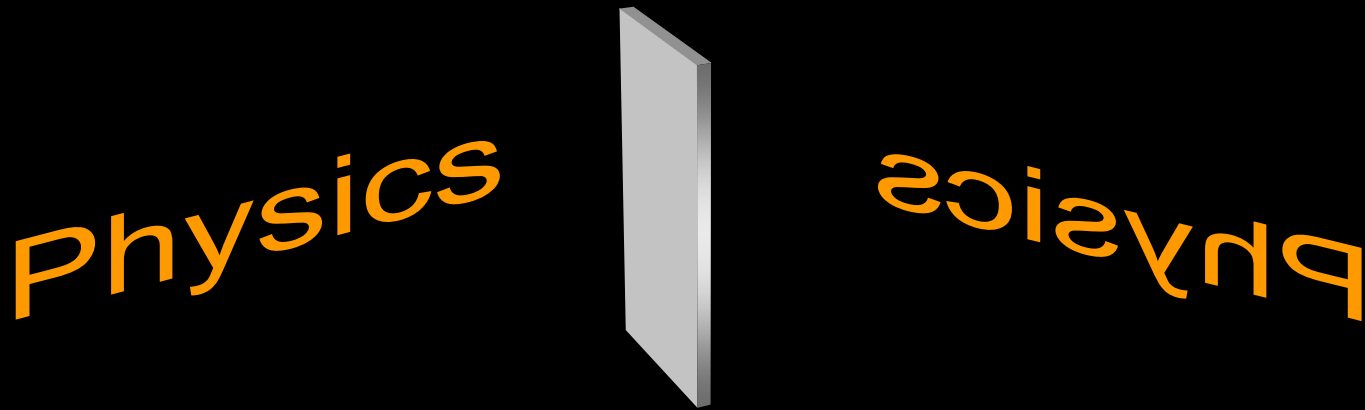


Lateral inversion

- A plane mirror reflects light regularly so that it produces a clear image which is the same size as the object.



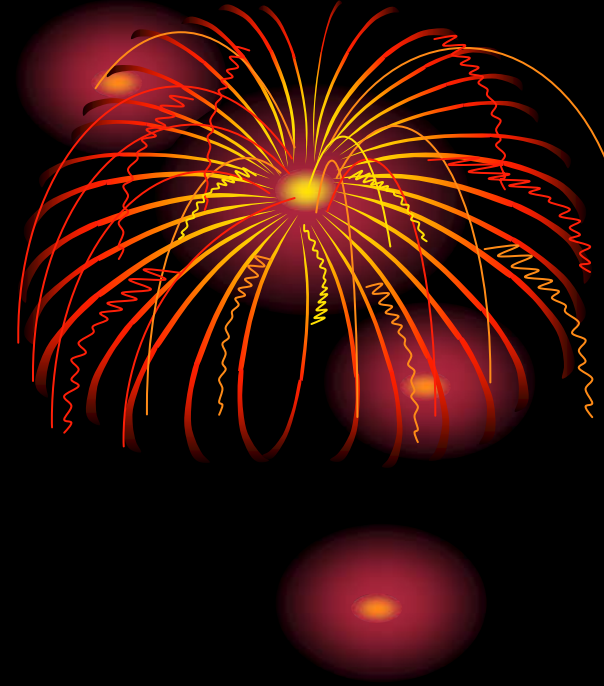
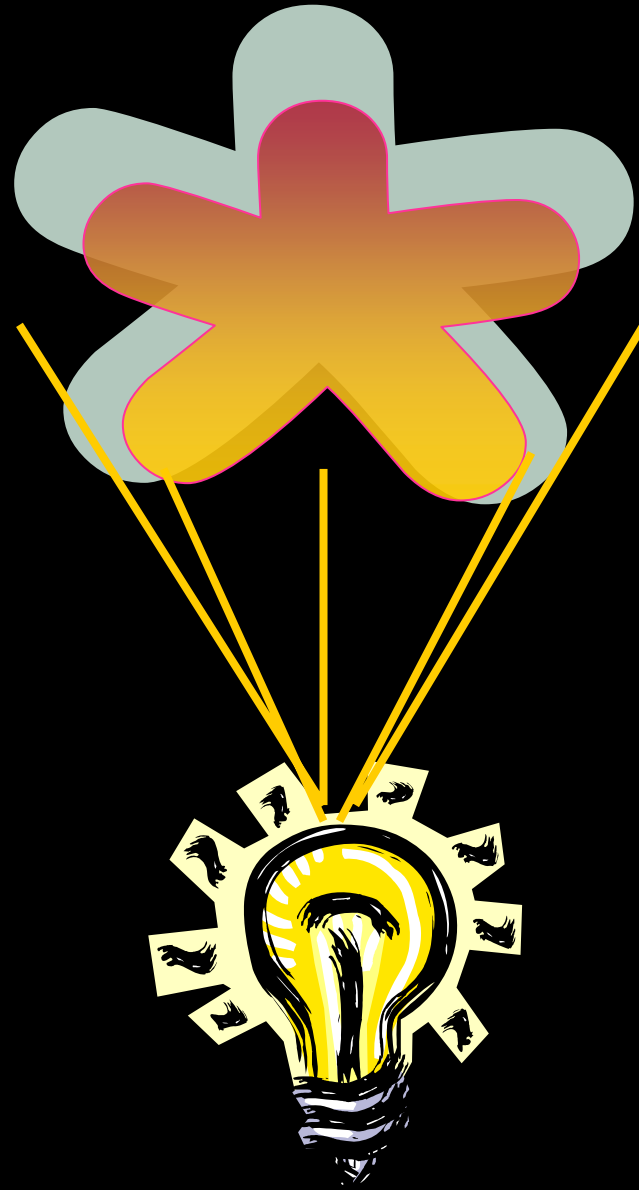
What is different about the image?



- When something is reflected in a plane mirror, left becomes right and right becomes left. This is called **lateral inversion.**



Shadows



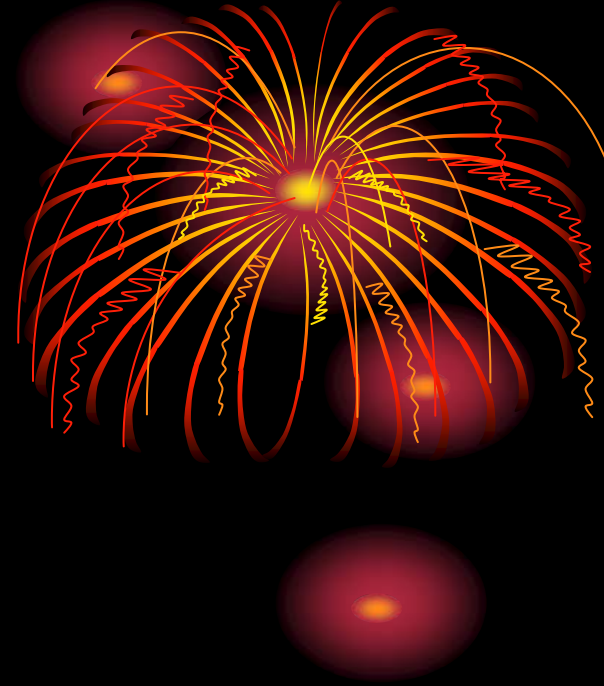
Why do shadows happen?

Light can be

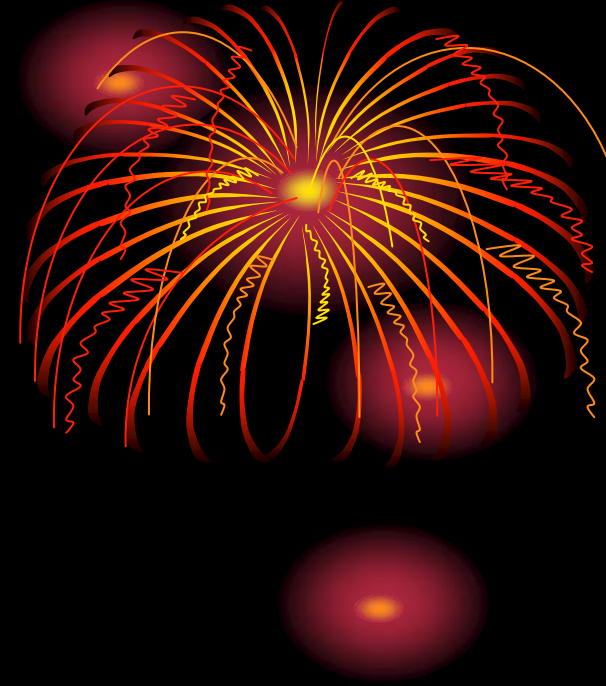
reflected

but it can also be

absorbed



Can you think of any very important shadows that we see in the sky?

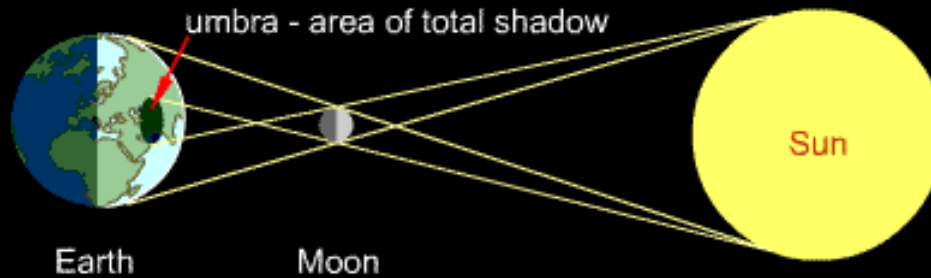


Write down these questions

What are Eclipses?

What is a solar eclipse?
Eclipses are special situations in which a shadow is cast on the earth or Moon
What is a lunar eclipse?

What is a solar eclipse?

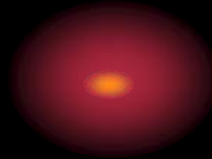


A solar eclipse occurs when the moon moves between the sun and the earth and casts a shadow blocking or partially blocking our view

What is a lunar eclipse?



A lunar eclipse occurs when the earth moves between the sun and the moon blocking or partially blocking our view.



Who will answer?

Some notes...

- Light is reflected from many surfaces.
- Light can be reflected and also absorbed.
- Reflection is when the light bounces off most surfaces and enters in our eyes.
- Light being reflected in a plane mirror we call lateral inversion.

