LIGHT ENERGY

NATURAL: The Sun, stars... ARTIFICIAL: Light bulbs, torches...

- Light is **the fastest** form of energy. (300 000km/seg)
- Light can be reflected, absorbed or passed through:
  - **OPAQUE MATERIALS** reflect or absorb the light. light **cannot pass through.**
  - **TRANSLUCENT MATERIALS**: light **passes through**, but **the image is not clear.**
  - **TRANSPARENT MATERIALS**: light **passes through** and **the image is clear.**

WATCH THE VIDEO:

LIVEWORKSHEETS

ANSWER THE QUESTIONS:

1.What transparent object does Dr. Binocs use?

1.A _____ of _____

2. What three translucent objects can you see in the video?

2._____ ,_____ _____ and _____ _____

3.Is it faster the rocket or the light?

3. the _____

4. how long it takes the light from the Sun to reach the Earth?

4. It takes _____

5. What´s the name given to the bending of light?

5._____

MATCH:

1.Light is the fastest form	a)of seven different colours
2.Light from the Sun is made up	b)of energy. It travels at about 300 000 km per second
3.Light travels in all directions	c)behave differently, depending on the surface it hits
4.When something gets in its way, light can	d)from its source. One light bulb can light an entire room

LIVEWORKSHEETS