



God's Little Lanterns

Imagine being able to make your own light. That's what fireflies do. These gifted little creatures never need to go out and buy candles or lightbulbs — they simply "flash" when they want light.

Fireflies have a special chemical called **luciferin**, which reacts with the oxygen in air to create a flash of light. An enzyme called **luciferase** (which fireflies have in their bodies) allows this process to happen.

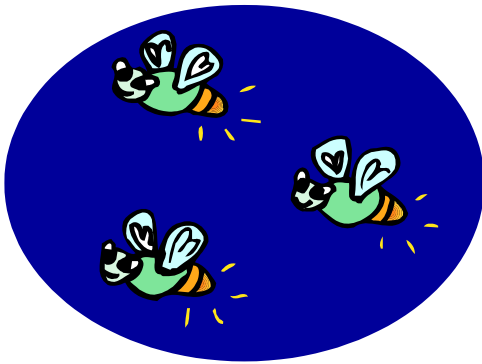
The process is called...

Bioluminescence.

Bioluminescence is seen in the **larvae** (newly hatched young) of all firefly species, and in most of the **adults** as well.

Firefly larvae use their light to warn predators that they don't taste good.

That way, the larva saves its own life.

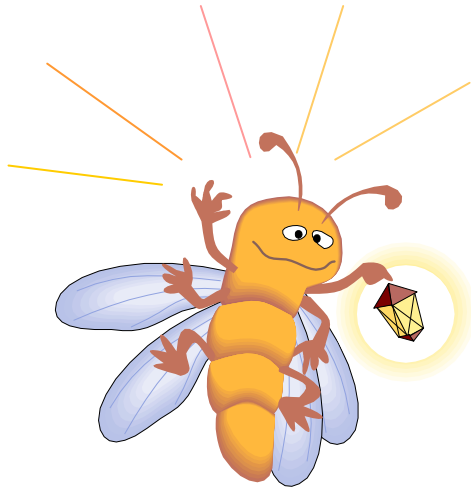


In **adults**, sparks fly when a male firefly sees a cute female. He flashes in a certain pattern, and if she likes him, she flashes back in reply. Next thing, they form a **new firefly family**, which helps to keep their species alive & thriving.

So fireflies use their light as a communication signal. Kind of like "text messaging" for beetles.

The colour of the light may be **green**, **orange**, or **yellow**, depending on the species of firefly.

Fireflies aren't actually flies — they're beetles!



Fireflies are like little **lanterns**
— created by the hand of God.
Their tiny packets of light can
carry life-saving messages.

You, too, can be God's little lantern.
Let your words glow with God's light.
Encourage and uplift others.

Tell your friends about
Jesus Christ, our Saviour.

Be a bright light wherever you are — at home,
at school, in your neighbourhood.

As children of God who belong to Jesus Christ,
"You are the light of the world..." (Matthew 5:14).

Shine your light for God!

