

Lesson plan – Photosynthesis

1. Watch the video/listen to the song

https://www.youtube.com/watch?v=C1_uez5WX1o

NEW WORDS – oxygen, leaf/leaves, photosynthesis, capture, cellulose, fundamental, miracle – explain, use dictionary

<https://www.youtube.com/watch?v=tSHmwIZ9FNw> – link of the song with lyrics but without pictures/explaining the photosynthesis. Can be also used

2. Give children the working sheet with the text of the song and listen to it once more (or twice or three times – as necessary) and fill in missing words

LANGUAGE AIM – present simple 3rd person +s; modal verb *can* (not +s)

practise present simple

- divide children into groups of 3-4
- each group should think of
 - 3 sentences using 3rd person, e.g. He likes pizza. She plays the guitar. My brother plays basketball.
 - 3 sentences using can, e.g. He can swim. My dad can drive a car.

LANGUAGE AIM – practise singular/plural of some nouns (+s or irregular leaf/leaves) with children (e.g. listen and repeat, each child says one noun – the whole class say plural...)

3. Turn the page – read the article about Photosynthesis and label the parts of the drawing

REVISION – to check understanding of the topic - photosynthesis

PHOTOSYNTHESIS SONG

Fill in the missing words

If you want to know
How a plant grows
It takes: water, air and sunlight
and makes cellulose

Ref.:
Every plant can do this
Fundamental process
And we can call this
PHOTOSYNTHESIS

Unlike me and you
Plants need CO₂
And they make Oxygen,
That stops us turning blue

Ref.:
Every plant can do this
Fundamental process
And we can call this
PHOTOSYNTHESIS

It's a miracle
How all the Chlorophyll
Captures sunlight in the leaves
Of the plants and the trees

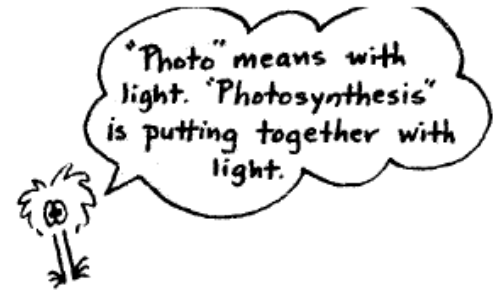
A plant of any size
Can do it if it tries
But we're not green so we can't
PHOTOSYTHESIZE

Ref.:
Every plant can do this
Fundamental process
And we can call this
PHOTOSYNTHESIS

It's a miracle
How all the Chlorophyll
Captures sunlight in the leaves
Of the plants and the trees

Ref. 2x
Every plant can do this
Fundamental process
And we can call this
PHOTOSYNTHESIS

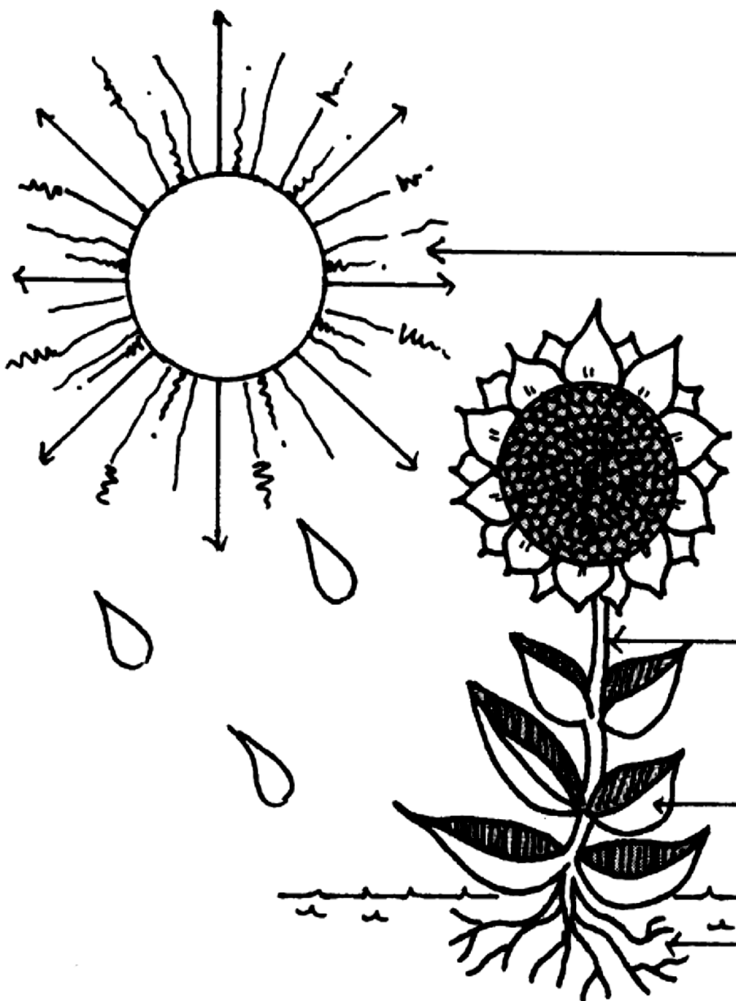
Name: _____



PHOTOSYNTHESIS

The stems and leaves of most plants are green. The green colour is *chlorophyll*. Chlorophyll helps plants to grow. It helps them to make *Oxygen* (O_2). Most plants take in *water* through their roots. They take in *carbon dioxide* (CO_2) through their leaves. *Heat* and *light* from the *sun* shine on the plants. This helps the chlorophyll to do its job. The plant makes sugar and oxygen. The sugar helps the plant to grow bigger. The oxygen goes out into the air for us to breathe. This process, called *photosynthesis*, is necessary for all plants, animals and people to live.

With your teacher's help label the parts on the drawing below.



1. Plants get heat, light and energy from the **SUN**

2. The green colour of plants is chlorophyll. Chlorophyll helps plants make **SUGAR** and **OXYGEN**

3. Plants take in carbon dioxide through their **LEAVES**

4. Plants take in water and minerals through their **ROOTS**