



**E-BOOK**  
**GREENSCREEN IN**  
**EDUCATION**



**MONOP**  
- LET'S GET CREATIVE -



## INDEX

Intro.....	4
Chromakey explanation.....	4
Back in time .....	5
Why greenscreen in education?.....	6
Origin of the Greenscreenbox®.....	8
Age.....	9
Lesson plans and downloads.....	9
Tutorial.....	10
What do you need?.....	10
Lesson suggestions.....	12
Where to buy.....	12



Text and material: MONOP B.V. (C) 2022 [www.greenscreenbox.eu](http://www.greenscreenbox.eu)

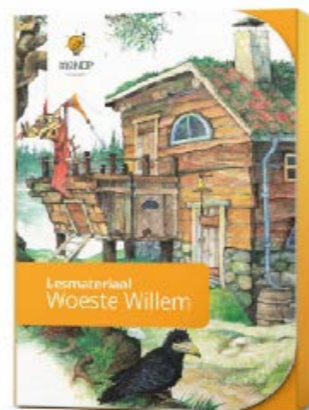
Photography and illustrations: Lana's Pictures, Awesome & Sparkles, MONOP B.V.

All rights reserved. No part of this publication may be reproduced, or made public, in any form or by any means, without prior written permission from MONOP B.V.

## INTRO

The greenscreen technique is a great tool to enrich your teaching in a creative way. It encourages the digital literacy of your students and taps into their imagination. It boosts language development and allows you to use the greenscreen technique broadly to enrich various subject areas.

In this book, you will find useful background information, a guide on how to get started with the greenscreen technique, a tutorial of the Greenscreenbox app, lesson suggestions, and a link to our local resellers.



Free lesson suggestions

## Chromakey explanation

The greenscreen technique is also known as chromakey technique. During or after filming, you can use an app to make everything that is green transparent and replace it with another image.

This allows you to film objects in a completely different location. Just take a look at the example below:



The puppets in the Greenscreenbox®



The app changes the green to the chosen background.



The result

## Back in time

In the 1930s-1940s, the chromakey technique was first used. Did you know that, initially, the green screen was mainly blue? In the years that followed, bright green began to be used more and more often.

There are several reasons why green is used:

- Cameras can recognize the color green twice as well as, for example, blue or red.
- The color green is rarely found in your hair, skin, or clothing. Imagine if we were to use a red screen instead. There are quite a few red tones in your skin. Your skin would partially disappear in the film and be replaced, for example, by a photo of an ocean. That would probably create a very strange effect....

In the past, greenscreens were only used in major film productions. Nowadays, we see them in many more places. Just think of:

- Films
- Series
- News reports
- Weather forecast
- Commercials

Many vloggers use greenscreens, as well as people creating instructional videos for their YouTube channels.

endless possibilities  
with exceptional results



Or watch this example video to see what you can do with the greenscreen technique:

<https://youtu.be/U75J0IrgQBo>

## Why greenscreen in education?

By using greenscreen technology in education, children develop language skills, creativity, and digital literacy, amongst a variety of soft skills.

Strong language skills are essential in our society. By making greenscreen films, students are constantly engaged with language. They collaborate, create storylines, and narrate their stories.

It is crucial for students to develop their creativity because it fosters innovation, problem-solving abilities, and adaptability. Creativity encourages students to think outside the box, explore different perspectives, and generate novel ideas.

Students can use greenscreen technology to present what they have learned and unleash their creativity and imagination in their greenscreen projects.

It is important for students to develop a good understanding of the (digital) world around them. Greenscreen technology is one of the techniques that make it possible to create fake news.



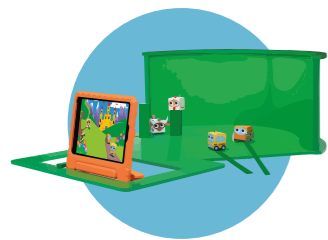
Students learn to produce their own media. That closely aligns with their interests. They are highly focused on video content. Now they can create their own content instead of primarily consuming it.

The greenscreen technique is widely applicable as a teaching method across various fields of study.



Greenscreens can be quite large, which is not always convenient in educational settings. Quickly rearranging your classroom for a lesson with a large greenscreen isn't very practical.

That's why the Greenscreenbox® was developed: a tabletop version of the greenscreen. You place it on the table, turn on the tablet, and you can start recording your greenscreen video immediately.



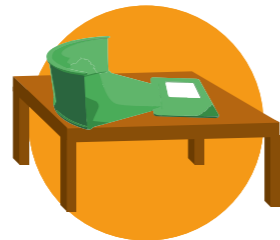
### Creativity and digital skills

The use of the Greenscreenbox® promotes creativity and digital literacy. Students from 4 years old to 18+ years old discover the possibilities of green screen technology, use it to process subject matter, and film their own stories.



### Incl Greenscreenbox® App

Our free Greenscreenbox® App works on iPads, Android tablets, laptops, and Chromebooks. Add a background image and easily create a greenscreen photo, stop-motion, or video.



### Easy and versatile in use

No hassle with large green screens. Just place the Greenscreenbox® on the table and get started! You can use the Greenscreenbox® as a teaching tool in language, arts and crafts, social studies, and other subjects like history. This way, you seamlessly integrate creativity and digital skills into education in an engaging manner.



### Ready-to-use teaching materials

To save time and reduce workload, we provide ready-made teaching materials. In this way you have everything you need at your fingertips, to start right away.

Many people think that greenscreen technology is only suitable for older students. However, with the arrival of the Greenscreenbox®, even preschoolers can work with this technique. The youngest ones

may need guidance at first. As students grow older and work with it more often, they become increasingly independent and apply more tricks.



## Creativity and fantasie Technique and education



### Lesson plans and downloads

MONOP B.V. regularly develops new teaching materials for various age groups and subject areas. In these lessons, the Greenscreenbox® is used as a powerful educational tool, to achieve other learning objectives and develop skills.

The teaching materials are structured around the learning objectives and provide teachers with guidance to navigate through the lesson step by step.

## Tutorial

First, determine the subject of your photo/video and the materials you need for it. Also, consider the structure of your video.

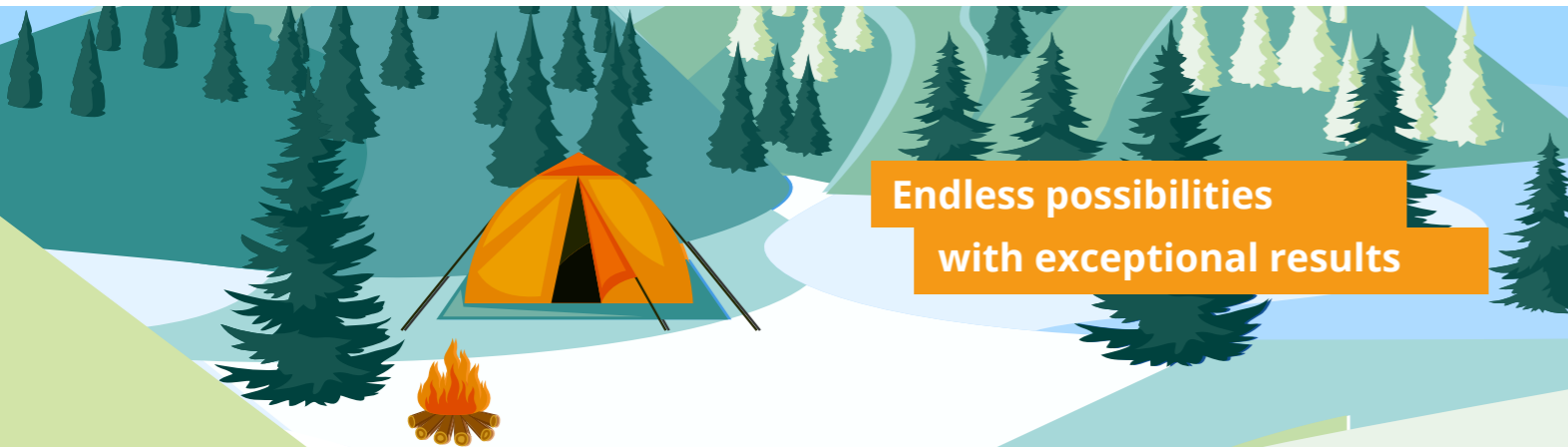
1. Open Safari or Google Chrome.
2. Go to <https://greenscreenbox.app>.
3. Log in with an account or with a token.

When purchasing a Greenscreenbox®, you automatically receive a token.

4. Choose a photo as the background for your recording.
5. Choose photo, stop-motion, or video.
6. Press the red button to start.
7. You can find a quick start guide in the app menu.

The Greenscreenbox® App is compatible with iPads, Android tablets, Chromebooks, and laptops. Tip: Ensure an optimal user experience by installing the latest version of the operating system on your device.

<https://greenscreenbox.app>



Endless possibilities  
with exceptional results

## What do you need?

For filming people using greenscreen technology, you need a large greenscreen, such as a green cloth on a frame or a green-painted wall.

Alternatively, you can use the Greenscreenbox®. This allows you to film objects instead of people. The advantage of the Greenscreenbox® is its compact size compared to the large greenscreen; it fits on your table. Additionally, the ability to watch live on the screen while filming is a significant advantage.

This way, you can see in real-time how the greenscreen effect affects your recording. As a result, children better understand what this technique does, and you can perform extra fun greenscreen tricks.

Furthermore, you need a device with the Greenscreenbox® App.



# LESSON SUGGESTIONS

For immediate engagement, below are some lesson suggestions.

1. Practice vocabulary by having students act out words in a short video. Can the other students guess which word is meant?
2. Have students create a greenscreen video based on a writing assignment from your language curriculum.
3. Create a film adaptation of a book.
4. Have students create a news report about their neighborhood.
5. Have students present the course material by incorporating it into a greenscreen video.



## Where to buy?

Are you interested in the Greenscreenbox®?  
Find your local reseller here:

<https://greenscreenbox.nl/en/international/>

