fectar

Education and Augmented & Virtual Reality | AR & VR

AR & VR empowers **students** and **teachers** to learn through doing by creating, applying, evaluating and analyzing 3D presentations

AR & VR for Students, Academic Institutions and Teachers

1. Why AR & VR?
2. The possibilities of Fectar Studio in creating your own AR/VR experiences
3. Fectar MeetUp for Education

© Copyrights Fectar 2022

Why AR & VR?

Benefits for Students

Learn by doing

Create an experience in AR/VR about a subject. Learn about technology and subject simultaneously.

Learn more with less

AR/VR is engaging, interactive and immersive. Walking around a 3D environment students learn faster and remember better.

Bridge to employment

Learn today, for tomorrow. Teach the know-how needed for future jobs.

© Copyrights Fectar 2022

Why AR & VR?

Benefits for Academic Institutions and Teachers

Student recruitment
Attract students with a key differentiator mechanism of higher cognitive learning.

Virtual remote learning and collaboration
Improve interaction and collaboration in remote learning.

Smart Workers for a Smart Nation
Prepare students for the upcoming Smart Worker environment.

© Copyrights Fectar 2022

fectar

The Fectar Platform

Fectar Studio is an AR/VR building tool for all levels of experience.

The Fectar Platform

AR/VR building tool for all levels of experience!

The Fectar platform is easy to use for everyone:

- Start with a few Images and position them how you like.
- Add a video clip and audio to make your presentation complete.
- Share your presentation with others and enjoy your first steps in AR and VR.

Are you looking for more? Then, the sky is the limit; try adding 3D models, holopresenters or 360 videos.

Up for a challenge? Start advanced 3D scene using our Unity exporter

Student

Teacher

Designer

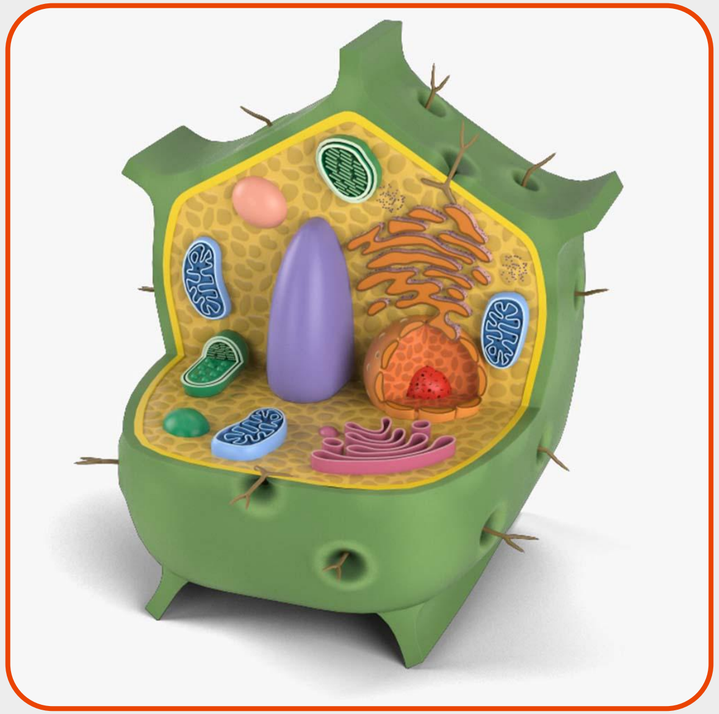
3D Artist

Unity developer

© Copyrights Fectar 2022

Create a simple| Biology Presentation

Let’s make a presentation about the **Cell of a Plant**



Start with the research

Google, books, papers…

There is a lot to tell about the cells of a plant. You can display **every aspect** of the Cell. Or **focus** on a few parts.

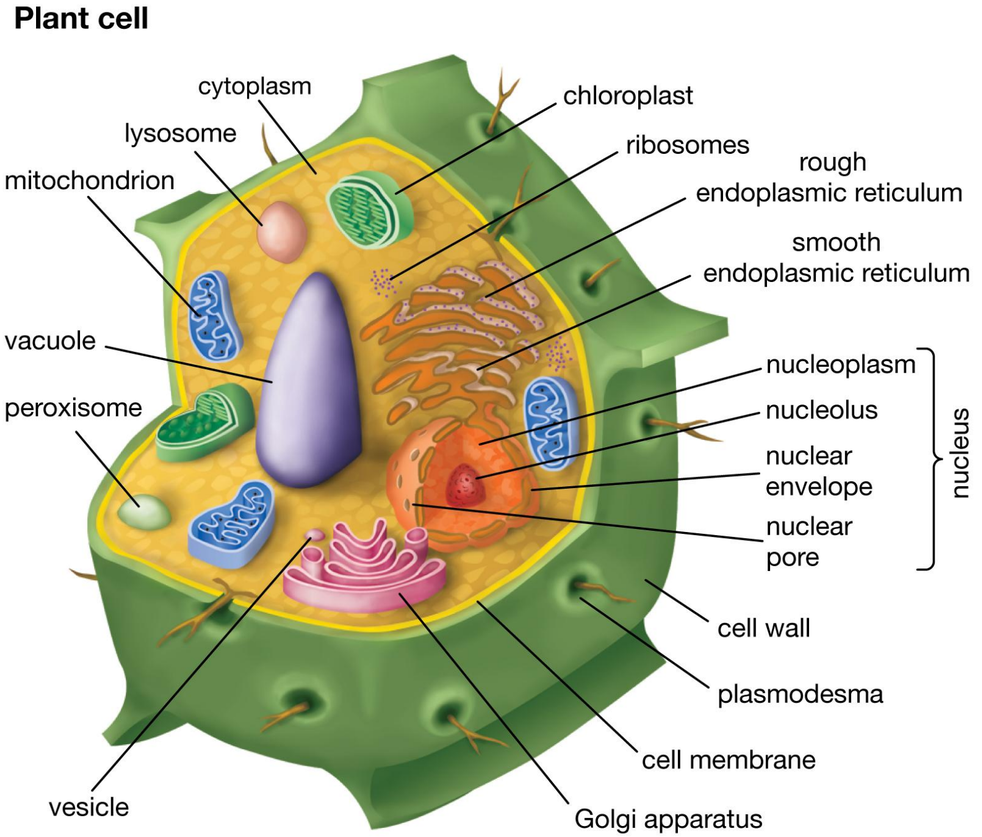
In this example, we focus on three parts; the cell wall, the cytoplasm, and the nucleus.

The information we present:

The cell wall contains two layers. the middle lamella and the primary cell wall

The cytoplasm is the semifluid substance of a cell that is external to the nuclear membrane and internal to the cellular membrane.

The nucleus controls and regulates the cell's activities, like growth and metabolism. It also carries genes. These are proteins that contain genetic information.

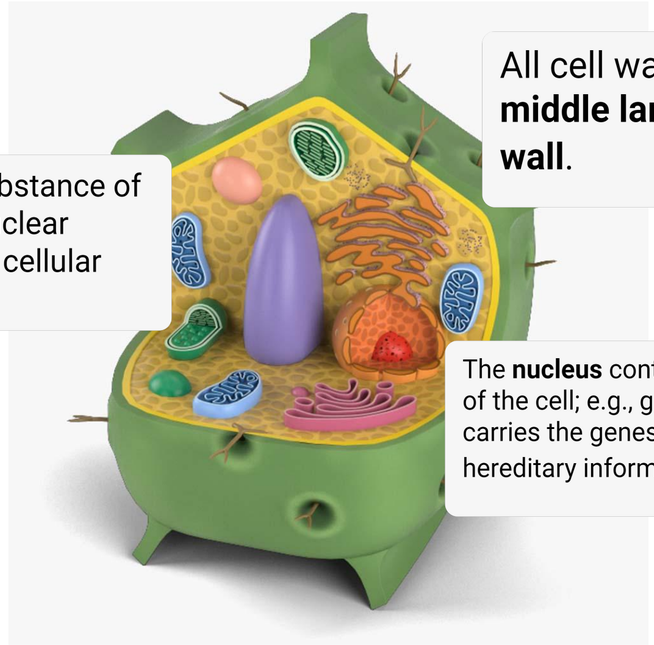


© Encyclopædia Britannica, Inc.

© Copyrights Fectar 2022

From research to images

Fectar supports .jpeg and .png



Information images
How and where you create these images is up to your personal preference!

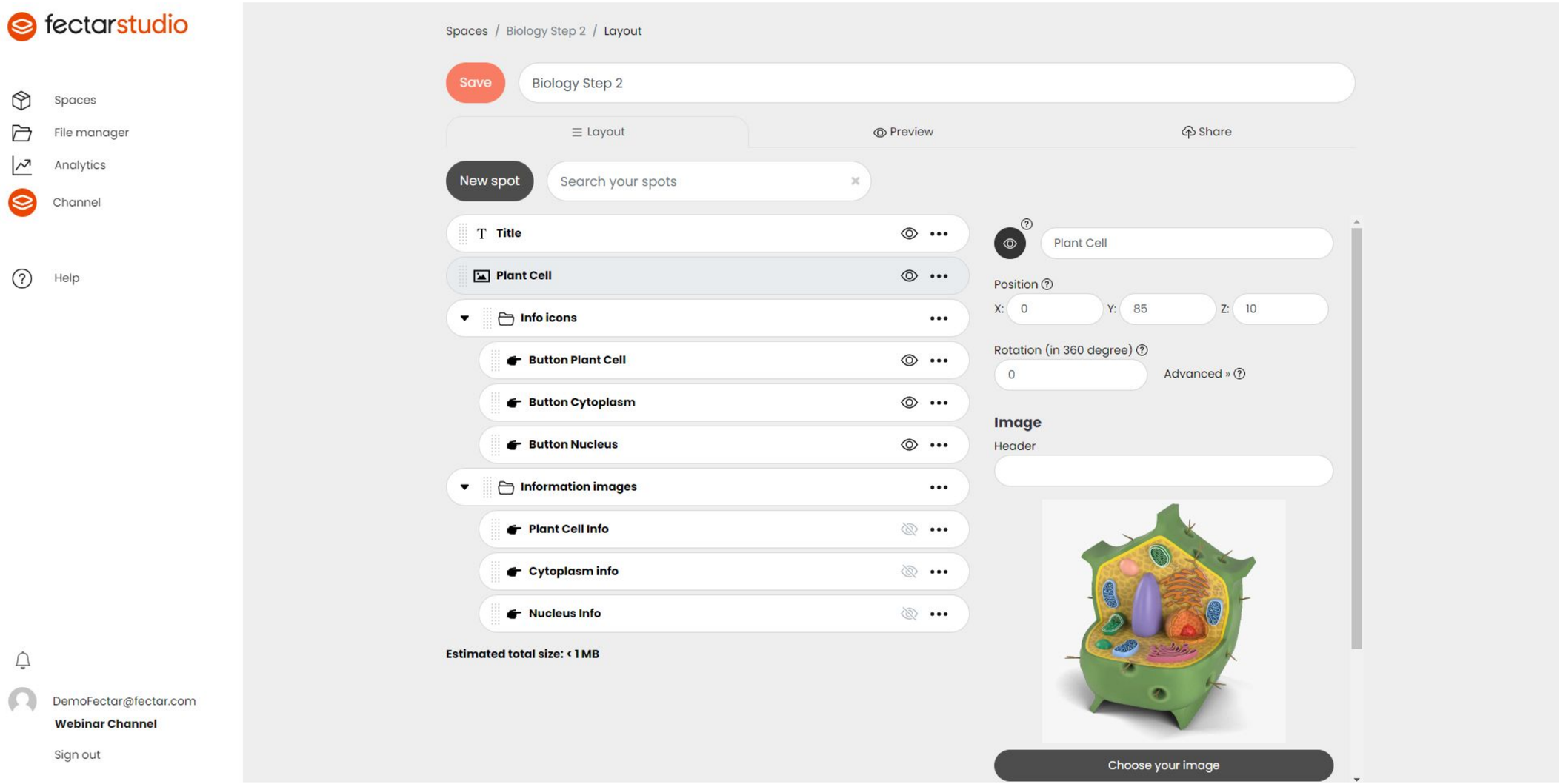
You can use software like;

- PowerPoint, Photoshop
- Free open source software like Gimp.
- Web based software like befunky.com

© Copyrights Fectar 2022

Building in Fectar Studio

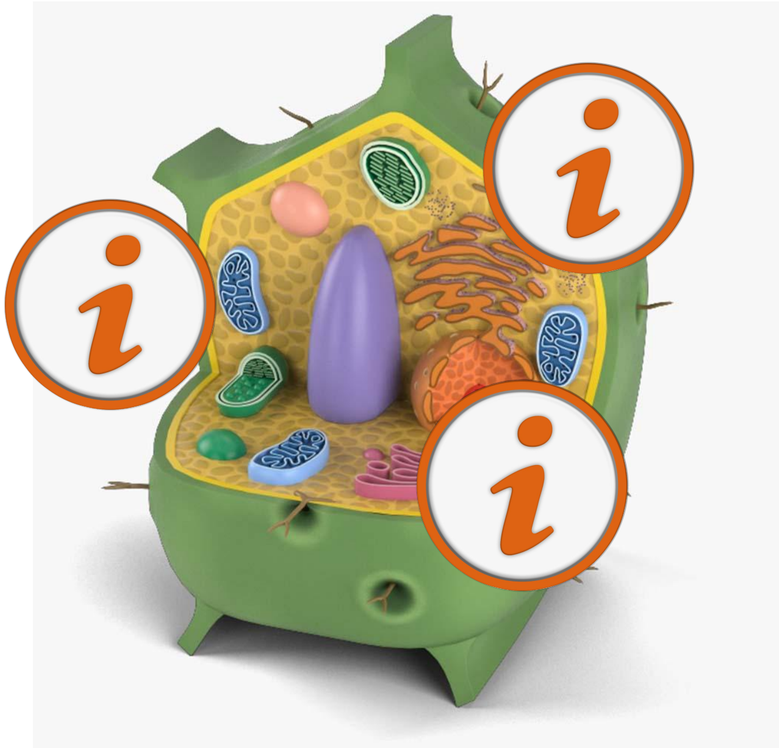
Positioning the images and adding interaction



© Copyrights Fectar 2022

Scan this QR Code

Simple presentation about the Cell of a Plant



Scan this QR code
This QR code will open the AR scene on your own device.

© Copyrights Fectar 2022

The next steps could be…

to add audio, video and 3D models to enrich the experience!

Scan this QR code

© Copyrights Fectar 2022

fectar

Fectar MeetUp

Remote Teaching

Anywhere in the world
with any device!

Supported Smartphones
More than **1.5+ billion devices** support Augmented Reality
Starting from the iPhone 6s (2015), Samsung S7 (2016) and iPad's (2017)

© Copyrights Fectar 2022

fectar

START

Open the Fectar App

Find the scene you want to use to MeetUp

Click on MeetUp

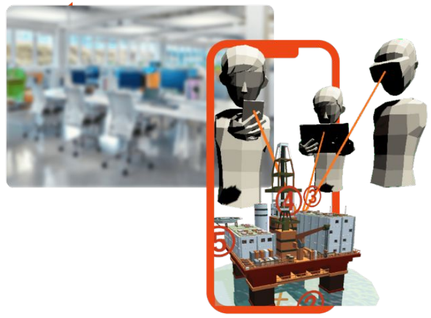
GET IT ON Google Play

Download on the App Store

GET IT ON oculus quest

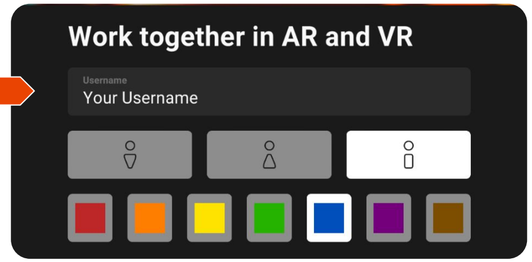
GET IT ON Microsoft HoloLens

Host or Join a MeetUp



1 Fill in your name

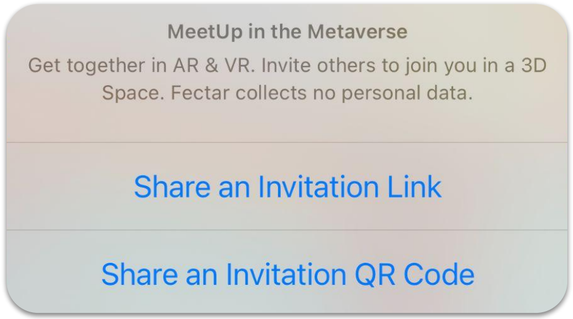
2 Gender & Pointer Color



HOST Click Create

Click Join JOIN

Invite others with link or QR Code



Join MeetUp with an Invitation Link, QR Code or the MeetUp Code:
9 characters: xxx-xxx-xxx

© Copyrights Fectar 2022

Make the first steps

Innovative AR & VR building tool for all levels of experience.

Students

- Are actively working with tools they need for future jobs
- They learn about the subject
- Learn how to work and think in 3D space
- Students can work together
- Easy to use for everyone and challenging enough for the more advanced students

Academic Institutions and Teachers

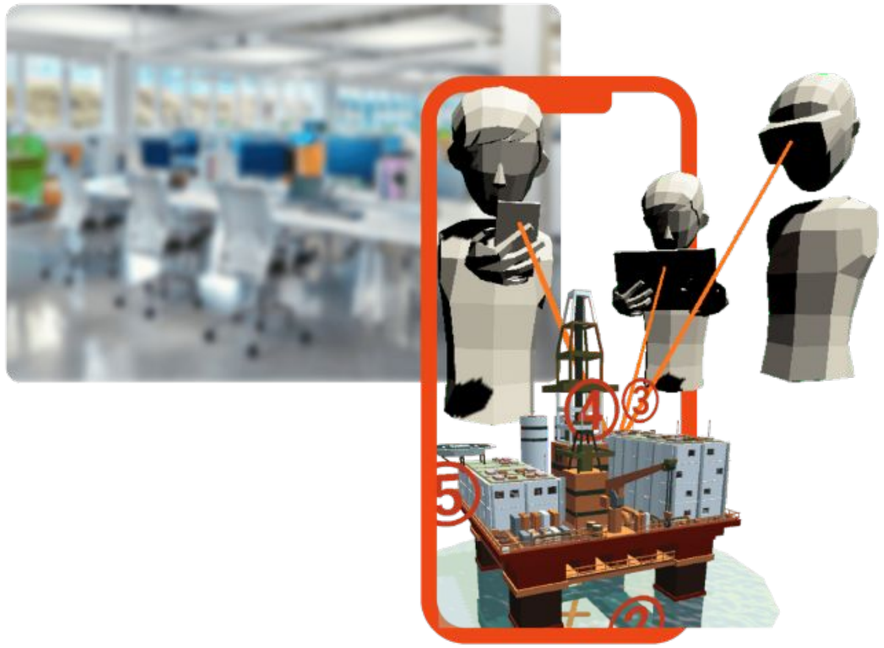
- An easy-to-use system for student recruitment or internal use
- Option to let students work from home with their own devices
- Check your student's work
- Give your students a head start in the competitive job market

© Copyrights Fectar 2022

VR/AR CLASSROOMS

TEACHERS & STUDENTS

Use Fectar and Fectar Studio in Education



GET IT ON Google Play

Download on the App Store

GET IT ON oculus quest

GET IT ON SIDEQUEST

GET IT ON Microsoft HoloLens

More than 6 million downloads worldwide

www.Fectar.com

Structure

Teachers and Students

- Classroom is a teacher with 6 or more students
- Teacher has access to the accounts of the students
- Teacher can transfer learning material to student accounts
- Teacher can share 3D models and more with students
- Students can not access the account of the teacher or other students
- Partner organisations can also help for first and second line support

© Copyrights Fectar 2022

Pricing

Teachers and Students

Classroom with one teacher

# Students	6	12	18	24	30
Monthly	€ 99	€ 169	€ 239	€ 309	€ 379
Annually	€ 599	€ 899	€ 1199	€ 1499	€ 1799

	Monthly	Annually
1 Teacher	€ 29	€ 299
1 Student	€ 14	€ 149
Add 6 Students	€ 70	€ 300

Teacher account can manage the classroom participants

Pricing in euros and ex VAT

© Copyrights Fectar 2022