LICEO STATALE SCIENTIFICO E CLASSICO
«Ettore Majorana» DESIO

Ministero dell'Istruzione,
dell'Università e della Ricerca

Ufficio
Scolastico
per la
Lombardia

CLIL Experience in Secondary Schools

OERs and Clil: a perfect combination

Attilio Galimberti – Local Education Authority - Desio, 23rd February 2018

1

Why Open Educational Resources?

What are OERs?

Open Educational Resources are any type of educational materials that are in the public domain or introduced with an open license.

…anyone can legally and freely copy, use, adapt and re-share them. OERs range from textbooks to curricula, syllabi, lecture notes, assignments, tests, projects, podcasts, audio, video and animation.

www.unesco.org/new/en/communication-and-information/access-to-knowledge/open-educational-resources/what-are-open-educational-resources-oers/

Why use OERs?

Because they are fostered by the European Commission that created a **European portal for open educational resources** (http://openeducationeuropa.eu), where good practices and innovative ways of **learning through technology** and digital content are encouraged.

Open Education Europa

Open**Education**Europa
Europe's community for innovative education

A community for all those involved or interested in digital, open and innovative education

Get inspired, discover new methods and tools and share your experience.

What are you looking for?

Use OERs because they…

- are **engaging** and **motivating**
- are easily **accessible**
- can be easily **integrated** in any language and CLIL curriculum
- are effective **visual aids**
- are **costless** for schools

Use OERs because you can…

- help ==low-motivated and weak students==

- devote more time to ==reach every student==

- ==reduce== lectures

- have students work on (usually three) ==different levels== according to their needs

ONE SIZE DOESN'T FIT ALL!

European Commission, 2012

'**Rethinking Education: Investing in skills for better socio-economic outcomes**'

http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52012DC0669&from=EN

Rethinking Education

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

Rethinking Education:Investing in skills for better socio-economic outcomes

Key Issue 4

(page 5)

Faster reform is needed by Member States, based on **new methodologies and technologies for teaching both the first and second foreign languages**, with a view to reaching the target defined by Heads of State of **'mother tongue plus two'**

Key Issue 5

(page 9)

Technology offers unprecedented opportunities to improve quality, access and equity in education and training.

It is a key lever for more effective learning and **to reducing barriers to education, in particular social barriers**. **Individuals can learn anywhere, at any time, following flexible and individualised pathways**.

Key Issue 6a

(page 9)

Digital learning and recent trends in **Open Educational Resources (OER)** are enabling...
new ways of learning, characterised by **personalisation**, **engagement**, **use of digital media**, collaboration, bottom-up practices and where the **learner** or **teacher** is a **creator of learning content...** available via the internet...

2

Where can OERs be found?

OER Commons

https://www.oercommons.org/

Discover ▾   Hubs ▾   Groups ▾   Our Services ▾   Create ▾

Sign In

Explore. Create. Collaborate.

OER Commons is a public digital library of open educational resources. Explore, create, and collaborate with educators around the world to improve curriculum.

1

2

| What are you looking for? | Subject ▾ | Adult Education ▾ | Standard ▾ | Search |

3

Fine tune your search with our advanced search.

Where can I find OERs for language and CLIL teaching?

ICT·REV

Home   Training workshops   Resources   Team and partners   About the Initiative

USE OF ICT IN SUPPORT OF LANGUAGE TEACHING AND LEARNING

http://ict-rev.ecml.at/en-us/

Inventory of ICT tools and open educational resources

This website presents a web inventory of online, interactive materials with a search engine filtering tools according to language skills, type of interactio principal functions, etc. In addition, a MOODLE workspace for learning more about using online tools in the classroom is available.

OVERVIEW   INVENTORY OF ICT TOOLS   SUGGEST A NEW WEB TOOL

www.ecml.at/ECML-Programme/Programme2012-2015/ICT-REVandmoreDOTS/ICT/tabid/1906/language/en-GB/Default.aspx

FILTER

Principal functions

- [ ] Audio record/edit/share
- [ ] Blogging
- [ ] Bookmarking
- [ ] Citation manager
- [ ] Course management
- [ ] File sharing/syncing
- [ ] Flashcard
- [ ] Game app
- [ ] Graphic organizer
- [ ] Image sharing
- [ ] Marking software
- [ ] Mind mapping
- [ ] News aggregator
- [ ] Note taking
- [ ] Podcast aggregator
- [ ] Polling
- [ ] Question/answer management
- [ ] Quiz maker
- [ ] Screen recording
- [ ] Slide presenting
- [ ] Social networking
- [ ] Story creation

- [ ] Translation tool
- [ ] Url shortener
- [ ] Video record/edit/share
- [ ] Videoconferencing
- [ ] Virtual pinboard
- [ ] Virtual worlds
- [ ] Vocabulary
- [ ] Website creator
- [ ] Wiki
- [ ] Word cloud creator

Filter

SEARCH A KEYWORD

Search

Type of Interaction

- [ ] Group/pair work - classmates
- [ ] Group/pair work - outsiders
- [ ] Individual work
- [ ] Presenting

Skills

- [ ] Listening
- [ ] Speaking
- [ ] Reading
- [ ] Writing
- [ ] Vocabulary
- [ ] Grammar
- [ ] Pronunciation
- [ ] Intercultural

Content

- [ ] You supply
- [ ] Website/other users supply

3

Examples of useful OERs for language and CLIL teaching

Edmodo (Educational microblogging tool, assessment tool, course organizer)

tricider

Voki (talking through avatars)

Vocaroo (share voice messages online)

TeacherTube
Teach the World

KHAN ACADEMY

newsela

FLIPPED CLASSROOM

1. Learning platforms

Edmodo (Educational microblogging tool, assessment tool, course organizer)

www.edmodo.com

A learning platform is useful to...

- Communicate with ==each student==

- Create ==different learning levels==

- Organise ==personalised remedial activities==

www.edmodo.com

Il sig. Galimberti
Insegnante

🏠 Liceo Linguistico
Giovanni Falcone

Migliora il mio profilo

CORSO CLIL BG B2

✏️

This is a group of Italian teachers who are taking an English course in order to teach part of their subject in English.
The proje... Leggi di più

Il sig. Galimberti · Università · Lingua italiana

Classi

Messaggi   Cartelle   Iscritti   ⚙️ Impostazioni

2. Voice recording tools

Vocaroo (share voice messages online)

www.vocaroom.com

Voki (talking through avatars)

www.voki.com

A voice recording tool is useful to…

- **Have students practise their ==speaking skills== in a safe environment**

- **Practise a foreign language**

- **Practise CLIL contents**

CREATE YOUR OWN

OVER 250 CUSTOMIZABLE AVATARS

TRY IT - IT'S FREE

3. Reading platform

newsela

**Reading.
Now every
teacher's most
powerful learning
tool.**

You can:

- **Create classes**

- **Assign reading
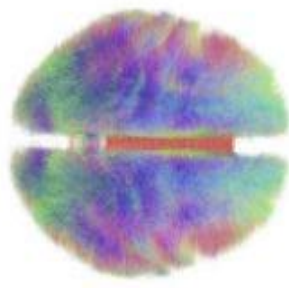articles for a <mark>specific
grade</mark> and <mark>reading
standard</mark>**

Articles

SCIENCE & MATH 💡 ES

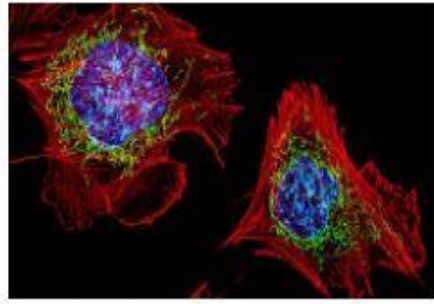**How and why does conflict occur?**

RELIG. & PHIL. 💡

What Gandhi can teach today's protesters

SCIENCE & MATH 💡

Health Check: Can your brain be full?

SCIENCE & MATH 💡⚡6

The Dino Files: Ornithomimus

SCIENCE & MATH 💡

Explainer: What are mitochondria and how did we come to have them?

ARTS & CULTURE 💡💬

"The Legend of Sleepy Hollow" Part 3

ARTS & CULTURE 💡 ES

Day of the Dead Sweets and Treats

U.S. HISTORY 💡

Native American Activism in the 1960s and 1970s

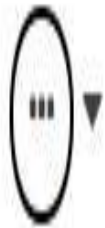# Explainer: What are mitochondria and how did we come to have them?

By Steven Zuryn, The Conversation, adapted by Newsela staff

11/01/2017

Grade Level 7

Word Count 769

560L ▾ Open Activities ▸

Explainer: What are mitochondria and how did we come to have them?

By Steven Zuryn, The Conversation, adapted by Newsela staff
11/01/2017

Grade Level 3
Word Count 440

Activities

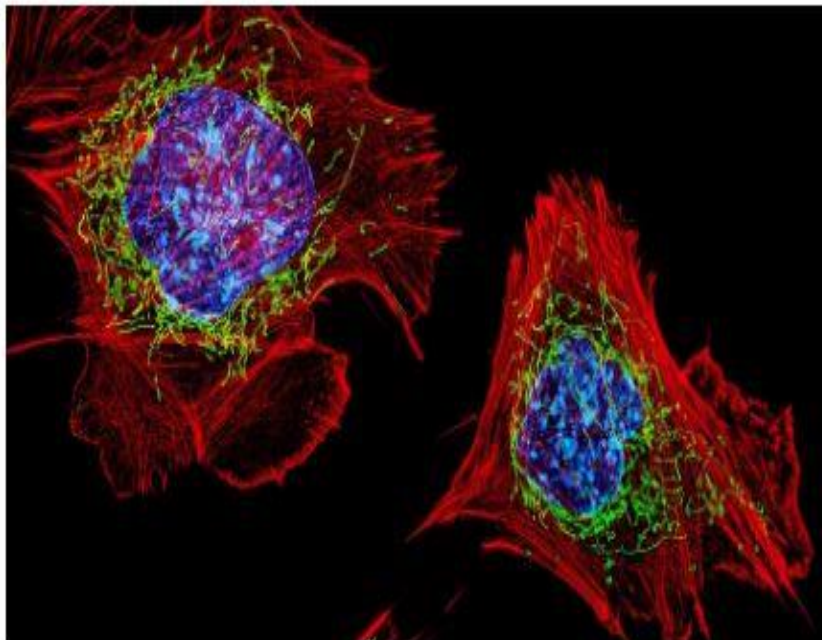# Explainer: What are mitochondria and how did we come to have them?

By Steven Zuryn, The Conversation, adapted by Newsela staff

Grade Level **3**

11/01/2017
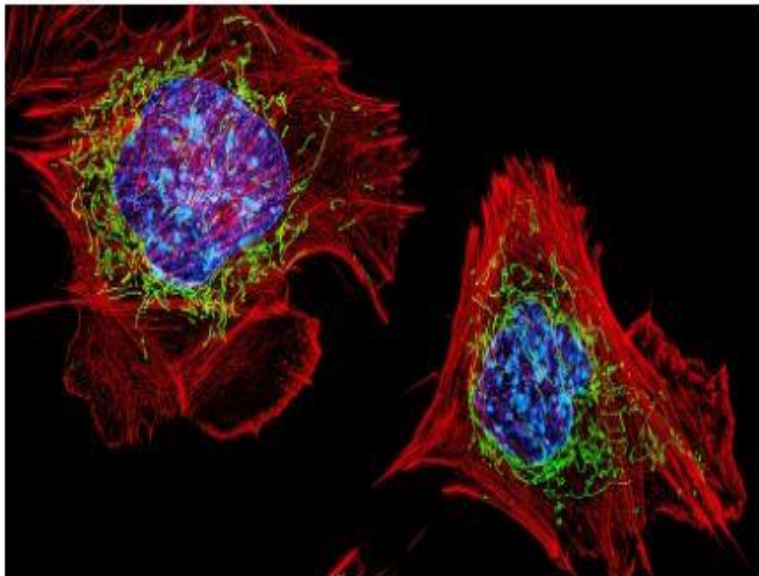
Word Count **440**

✏ Write

💡 Quiz

Explainer: What are mitochondria and how did we come to have them?

By Steven Zuryn, The Conversation, adapted by Newsela staff

11/01/2017

Grade Level **3**

Word Count **440**

A look at the inside of a cell. The DNA within the nucleus (blue), mitochondria (green) and cellular skeleton (red) is clearly visible. Image from public

Activities

Quiz

Question	Correct Choice
1/4	**A**

Grade 3, Anchor 1: What the Text Says

Which sentence from the first paragraph explains WHY cells are important?

A   A cell is the basic unit of life.   ✔ Correct Choice

B   Cells have parts, called organelles.

C   They are sometimes called the powerhouse of the cell.

Back   **Next**

4. Social voting tool discussions

You can:

- **Brainstorm <mark>ideas</mark>**
- **Express <mark>opinions</mark>**
- **Stimulate <mark>discussion</mark>**
- **<mark>Vote</mark> the best idea**

This is what tricider offers you

tricider is easy and simple. But there are so many features to make your questions shine.

Free of cost and without registration

Collect ideas
Unlike common surveys, everyone can add ideas to a tricider question.

Discuss
There is good and bad in every idea. All particpants can add arguments to ideas and discuss them.

Voting
Particpants finally vote for ideas and you agree on the best solution in no time.

Fine-tuning
Forbid adding new ideas, restrict number of votes, etc.: Advanced users can tailor the questions to their needs.

Invite participants
You decide who can see your question. Only invited participants can take part. No one has to register.

Status updates
Let tricider keep you posted via e-mail if something exciting happens to your questions.

Spam protection
There is an extra spam protection for public questions. When activated, only authentified users can participate.

Multimedia
Your not limited to words to describe your ideas. Use pictures and links to express yourself.

Deadlines
Set a clear deadline and ensure that your discussion comes to a good end.

Pool of participants
If you have a general question, you can address the whole world! Publish your question in the Public IdeasSpace and let

tricider

Social voting tool for   **Teams   Blogs   Education   Crowdsourcing**

Collect ideas and vote.
So easy with tricider!

Try it now!
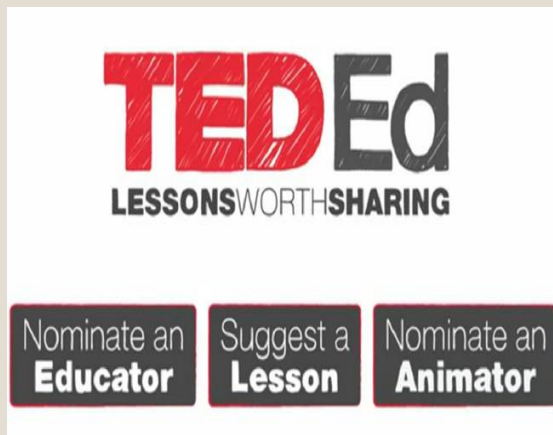It's free. No sign-up.

Enter your question here...   **Go**

Ask a question and invite friends or colleagues.
Collect ideas and vote for your favourite.

▶ Watch the video

Browse through
the public tricisions

https://www.youtube.com/watch?v=dvLuwL9Quzw

5. Speak your students' language using videolessons

6. Adopt flipped classroom techniques

Flip
YOUR
Classroom

**Reach Every Student
in Every Class Every Day**

Jonathan Bergmann
Aaron Sams

iste. ASCD

A Flipped Classroom is not only replacing lectures with videos!

- It's a pedagogical model in which the teacher changes his role from a "sage on the stage" into a "guide on the side": he clarifies content and doubts, has students take online tests with immediate feedback, monitors progress, organises students into workgroups to solve problems, maximises individual time with each student
- time in class is devoted to doing exercises, hands-on activities, projects, or discussion
- students test their skills in applying knowledge, create, collaborate, and put into practice what they learned from the lessons they watched before coming to school.

Join the Flipped Learning communities

www.flippedlearning.org

In many countries and languages…

Italy:

http://flipnet.it/

France:

www.laclasseinversee.com/

Germany:

www.fliptheclassroom.de/

Spain:

www.theflippedclassroom.es/

8. Create your video lessons

Use a **screencast tool**:

Screencast-o-matic (http://screencast-o-matic.com/)

How to use it:
www.teachertrainingvideos.com/screen-casting/screencast-o-matic.html

4

Conclusions

If you are «tired» of «tired» students….

If you can't stand these situations any more…

If you fear this will be your future…

Establish closer contacts with your students

Change your role from this
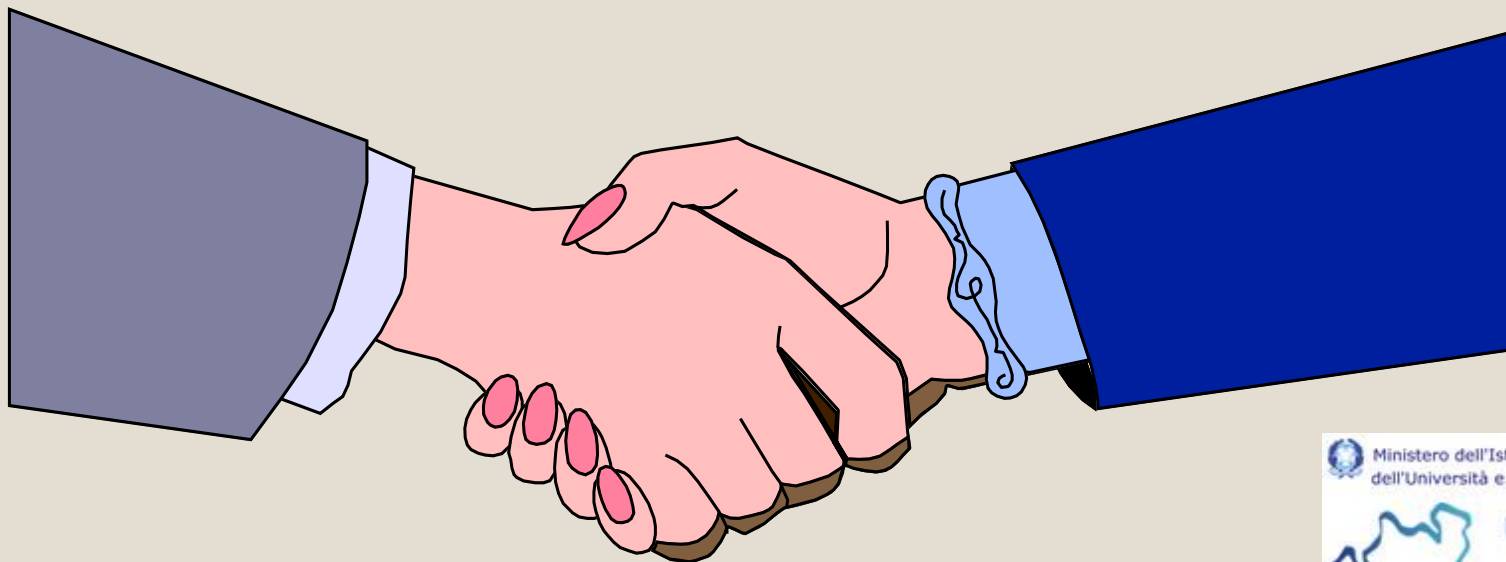
To this!

Adopt Bring Your Own Device strategies

Turn to mobile learning devices

Because…

- **schools need to implement a digital citizenship program**
- learning can happen anytime, anywhere
- there are lots of (free) educational apps
- students can listen, read, write, talk, play educational games, collaborate and interact with peers and teachers
- learning technologies facilitate students' different learning styles

Thank you for your (patient) attention!

Attilio Galimberti – Local Education Authority – Desio, 23rd February 2018
galimber@yahoo.it