

## Teaching Ecology through Apps

Source / Link: <https://sites.google.com/a/tealeaf-project.eu/tealeaf-project/home>

### Thematic area:

- ☒ Climate
- ☐ Nutrition
- ☒ Environment

### Type of good practice:

- ☒ Project
- ☐ Initiative
- ☐ Programme
- ☐ Production
- ☒ Information
- ☒ Education
- ☒ Other

### Target group:

- ☒ Children up to 14 years
- ☐ Adolescents
- ☒ Teachers / educators
- ☐ Youth counsellors
- ☐ Young refugees and asylum seekers

### Summary:

The project analysed more than 80 existing serious games about biology, environment protection, climate change etc. The website contains a list with information about these games, such as instructional contents, hardware requirements, game genre, intended learning outcomes, language, and age of target audience

The games are available in English, French, Slovene, Czech and Spanish.

### Description:

The project involved 48 teachers from five countries (France, Ireland, Spain, Czech Republic, Slovenia). Over three years, 3600 students participated in these experiments (primary school, college and students with special needs in secondary schools).

This research-action work (teachers, researchers, pedagogical consultants, trainers examined and analysed more than 80 existing serious games about biology, environment protection, climate change etc., and created also some games.

The website contains a list with indications about these games:

- Name of the app
- URL / link to find the app
- Instructional contents
- Hardware requirements
- Game genre
- Intended learning outcomes
- Language
- Age of target audience

Name of the app	URL / link to find the app	Instructional Content
Le tour du monde en 80 déchets	<a href="http://www.sytrad.fr/pedagogique/college2.htm">http://www.sytrad.fr/pedagogique/college2.htm</a>	Environment, geography, sciences and civic education
Les maîtres de l'eau	<a href="http://eau.paris/game/">http://eau.paris/game/</a>	Environment
Simagro	<a href="http://www.ac-nice.fr/svt/productions/html5/simagr">http://www.ac-nice.fr/svt/productions/html5/simagr</a>	Science, biology
EcosysGame	<a href="http://ecosysgame.fr/index.html">http://ecosysgame.fr/index.html</a>	Ecosystems, biodiversity
L'éco-missaire mène l'enquête	<a href="http://www.developpement-durable.gouv.fr/spip.php">http://www.developpement-durable.gouv.fr/spip.php</a>	Environment, biodiversity
L'eau dans tous ses états	<a href="http://jeux.education.francetv.fr/eau_etats/">http://jeux.education.francetv.fr/eau_etats/</a>	Environment
Ma petite planète chérie	<a href="http://mapetiteplanetecherie.crdp-lyon.fr/enfantsjeu">http://mapetiteplanetecherie.crdp-lyon.fr/enfantsjeu</a>	Biodiversity
L'eau c'est la vie	<a href="http://www.kailis-design.net/haya/">http://www.kailis-design.net/haya/</a>	Energy and matter cycles
Le bon trieur	<a href="http://www.valorplast.com/jeux/jeu2.swf">http://www.valorplast.com/jeux/jeu2.swf</a>	Environment
Alterosion	<a href="http://www.alterosion.fr">http://www.alterosion.fr</a>	Environment
ROUGER	<a href="http://www.valorplast.com/tous-recycleurs/valorplast">http://www.valorplast.com/tous-recycleurs/valorplast</a>	Environment
Trions bien rangeons tout	<a href="http://www.sytrad.fr/pedagogique/default2.htm">http://www.sytrad.fr/pedagogique/default2.htm</a>	Environment
Ma maison, ma planète et moi	<a href="http://www.cite-sciences.fr/au-programme/evenem">http://www.cite-sciences.fr/au-programme/evenem</a>	Environment
Flow	<a href="http://www.jenovachen.com/flowingames/flowing.h">http://www.jenovachen.com/flowingames/flowing.h</a>	Biodiversity, ecosystem
Nature vs Beasts	Google Playstore	Nature
Biodiversity Game	<a href="http://ngm.nationalgeographic.com/2011/01/seven">http://ngm.nationalgeographic.com/2011/01/seven</a>	Biodiversity
Bio Bob's Diversity Adventure	<a href="http://www.rigb.org/education/games/natural-world">http://www.rigb.org/education/games/natural-world</a>	Biodiversity
Build a Skeleton	<a href="http://www.rigb.org/education/games/human-body/">http://www.rigb.org/education/games/human-body/</a>	Science, biology
Pond Life	<a href="http://www.rigb.org/education/games/natural-world">http://www.rigb.org/education/games/natural-world</a>	Ecosystem
Team WILD	<a href="http://www.arkive.org/education/team-wild">http://www.arkive.org/education/team-wild</a>	Biodiversity, ecology, ecosystem
Sammy's Quiz	<a href="https://itunes.apple.com/ai/app/sammys-quiz/id100">https://itunes.apple.com/ai/app/sammys-quiz/id100</a>	Nature and environmental protection

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