

***New settings for content &  
language integrated learning  
C.L.I.L.***

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- *“...a language cannot be taught, we can only create the conditions for a language to be acquired...”*

**Von Humboldt**

# Main Objects of the CLIL

- **Build linguistic and content skills through significant task based learning experience**  
*"earning by doing"*

## Multimedia Learning Settings

- **Offer a congenial and familiar learning environment for students**
- **Perfect for the achievement of both self learning and Cooperative Learning**
- **Provide an engaging learning environment based on the building of experience and knowledge through the TASK**

# Possibile Multimedia Settings

- Learning Objects - LO
- Web Quest
- Podcast
- E-learning
- Virtual Environments

# Learning Objects - LOs

## Expanded Instructional Events

Introduction	Body	Conclusion	Assessment
<ul style="list-style-type: none"><li>• Activate attention</li><li>• Establish instructional purpose</li><li>• Arouse interest and motivation</li><li>• Preview lesson</li></ul>	<ul style="list-style-type: none"><li>• Recall prior knowledge</li><li>• Process information</li><li>• Focus attention</li><li>• Employ learning strategies</li><li>• Practice</li><li>• Evaluate feedback</li></ul>	<ul style="list-style-type: none"><li>• Summarize and review</li><li>• Transfer knowledge</li><li>• Remotivate and close</li></ul>	<ul style="list-style-type: none"><li>• Assess</li><li>• Evaluate feedback and remediate</li></ul>



# Definition of LOs

- **Digital/non digital resources, which can be used and re-used in teaching, supported by technology**
- **Complete, flexible and dynamic units**
- **Function as a bridge between the specific content to be learned and the student's previous knowledge and personal experiences**

# Key Concepts of the Learning Philosophy of LOs

## Constructivist approach to learning

- **Autonomy:** acquisition of knowledge and skills in a personal way, according to students needs and individual learning style and time
- **Specialization:** focused on learning specific content/language chunks
- **Multimedial:** use different codes and inputs - involve different learning styles
- **Interactive:** provide an interactive and concrete learning experience
- **Self-evaluable:** allow the student to control his/her ongoing learning process and output

# Advantages of the LOs

## ADVANTAGES FOR THE TEACHER:

- facilitate team teaching
- individual and group learning pathways
- focus on specific students' needs
- fast check and evaluation of the students' learning process and progress
- collection and classification of units that can be used in other learning contexts

## ADVANTAGES FOR STUDENTS:

- enhance autonomous learning
- reduction of affective filter
- suitable for individual learning strategies and times
- awareness and control of the ongoing learning progress
- developing reflective and self-evaluation skills

**LOs can be both planned by the teachers and adapted from a rich resource available online**

**Online resources:**

**SCIENCE**

- <http://www.pbs.org/wgbh/aso/tryit/evolution/#>
- <http://www.pachyderm.org/pachyderm/presentations/0064-1575-128007-4711919001711949-45-2291-31457>

**MATHS:**

- <http://www.shodor.org/interactivate/activities/#pro>

**ARTS:**

- <http://webexhibits.org/causesofcolor/mind.html>
- <http://library.thinkquest.org/3044/?tqskip1=1>

# *THE WEB QUEST*



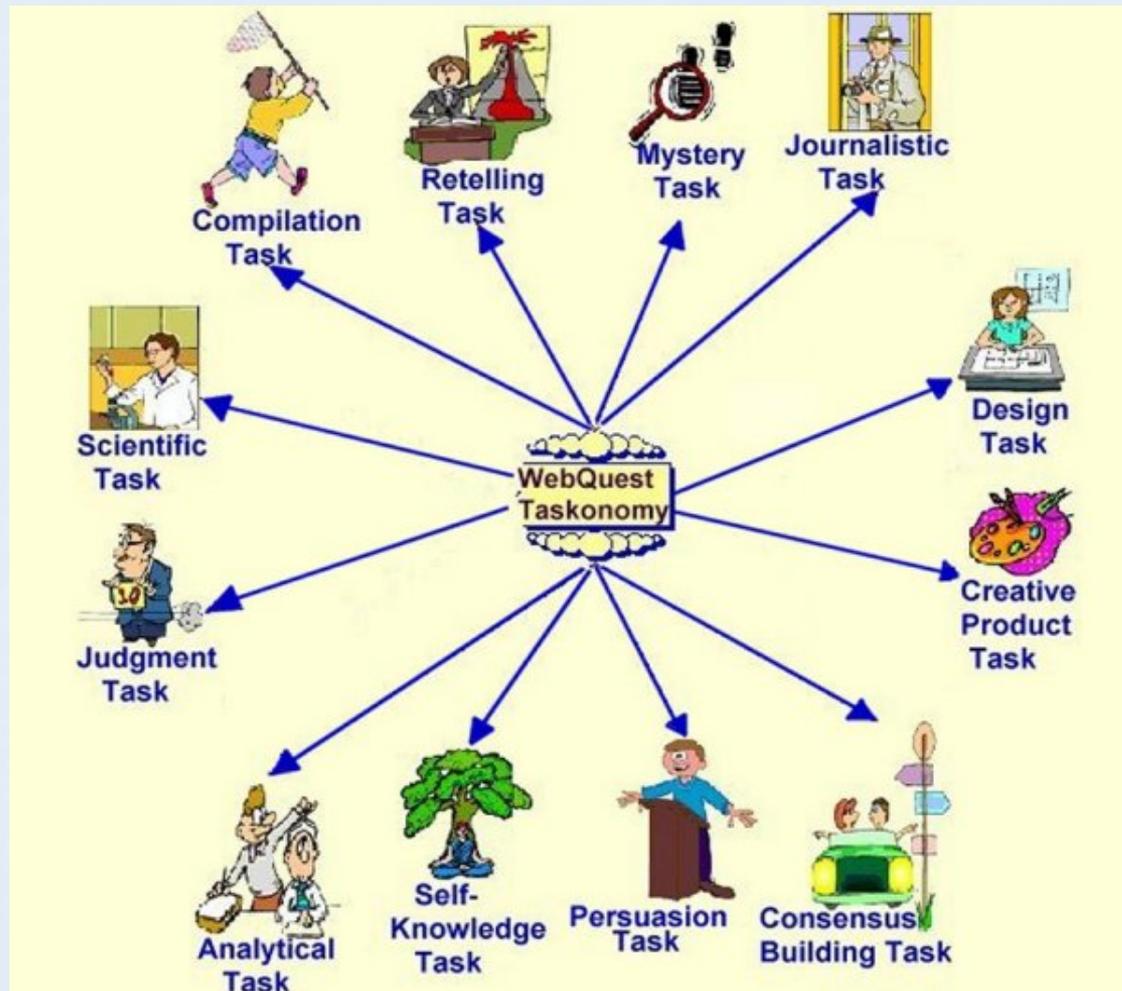
# The Characteristics of the WebQuest

- **A highly engaging multimedia environment**
- **powerful tool for significant learning**
- **efficient means of consolidating language and content**
- **learning sequence to be carried out through individual or group work**
- **Task-based - including elements of:**
  - **- research**
  - **- discovery**
  - **- re-working**
  - **- problem solving**
  - **- case studies**
- **structured environment in which students can interact and cooperate to achieve a common goal**

# WQ Tasks

- Definition of tasks and roles within WebQuest is of a crucial importance for its success
- Dodge, the creator of this constructivist learning internet based environment, classifies tasks according to 12 categories in a sort of *taskonomy*

# DODGE's TASKONOMY



# Didactic advantages of WebQuest

- **Cooperative learning structured work**
- **Access to a range of authentic documents and several text typologie**
- **students can explore and deepen a specific content**
- **Exposes the student to authentic language relating to the subject**
- **Encourages learning aimed at a specific goal**
- **Develops the skill of inferencing and creating hypothesis on specific contents**
- **Develops online research skills**
- **Allows the student to follow his/her own individual strategies and learning time and to extent the research to other sites for additional material**
- **widens vocabulary and consolidates language relating to the topic**

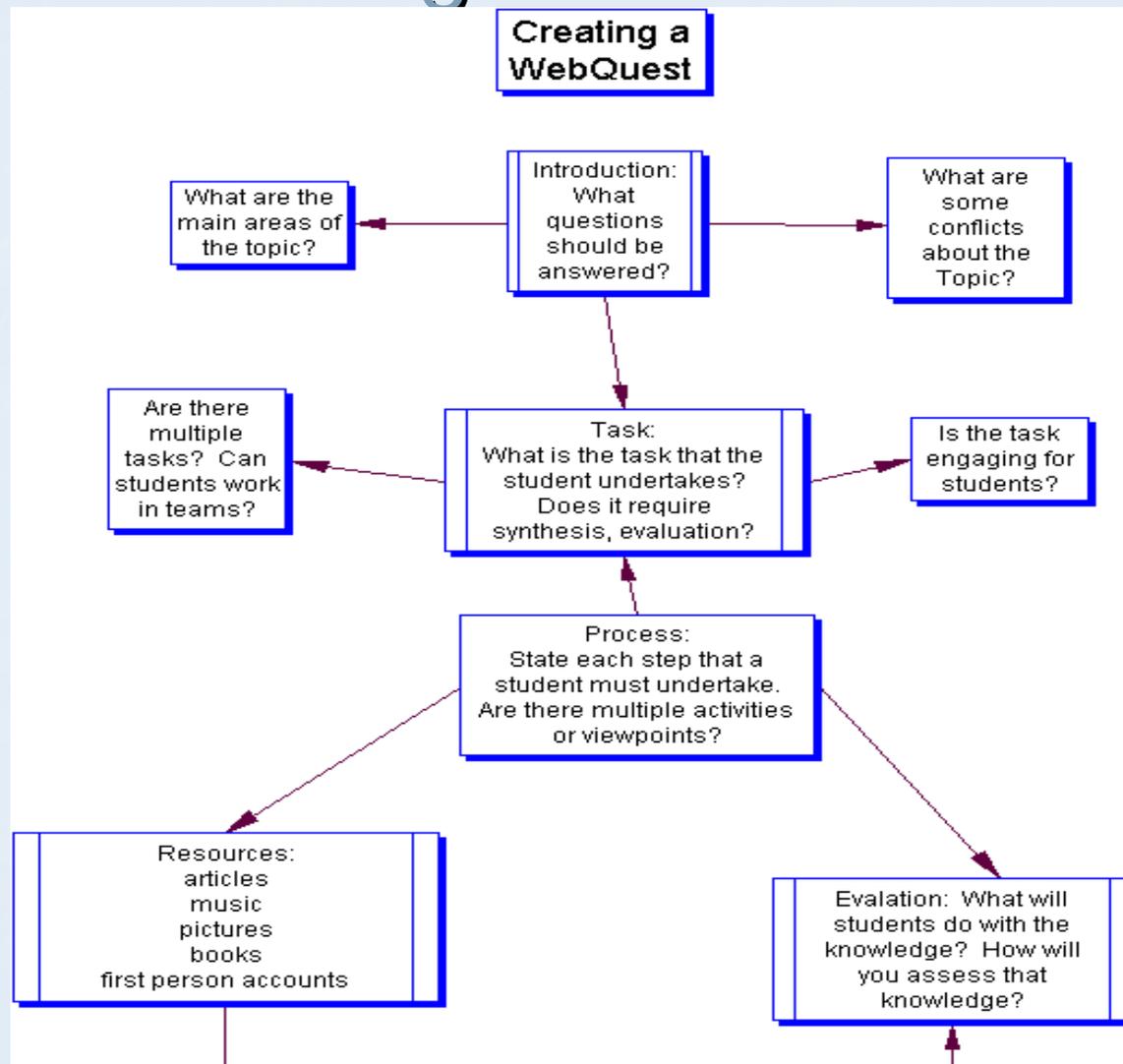
# WebQuest in the CLIL

- **Particularly suitable in a CLIL context for:**
- **knowledge of linguistic-disciplinary content is not only passed on, but discovered, experienced and synergically built**
- **Proved by a final product, by the students, allowing (self)evaluation of the whole learning process**

# WQ Pathways

- **The WQ includes an operative route made of different steps:**
- **a scenario with an introduction**
- **different tasks, roles and rules**
- **procedures to follow**
- **network resources**
- **final output**
- **evaluation**
- **conclusion**

# Creating a WebQuest



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# *ONLINE RESOURCES*

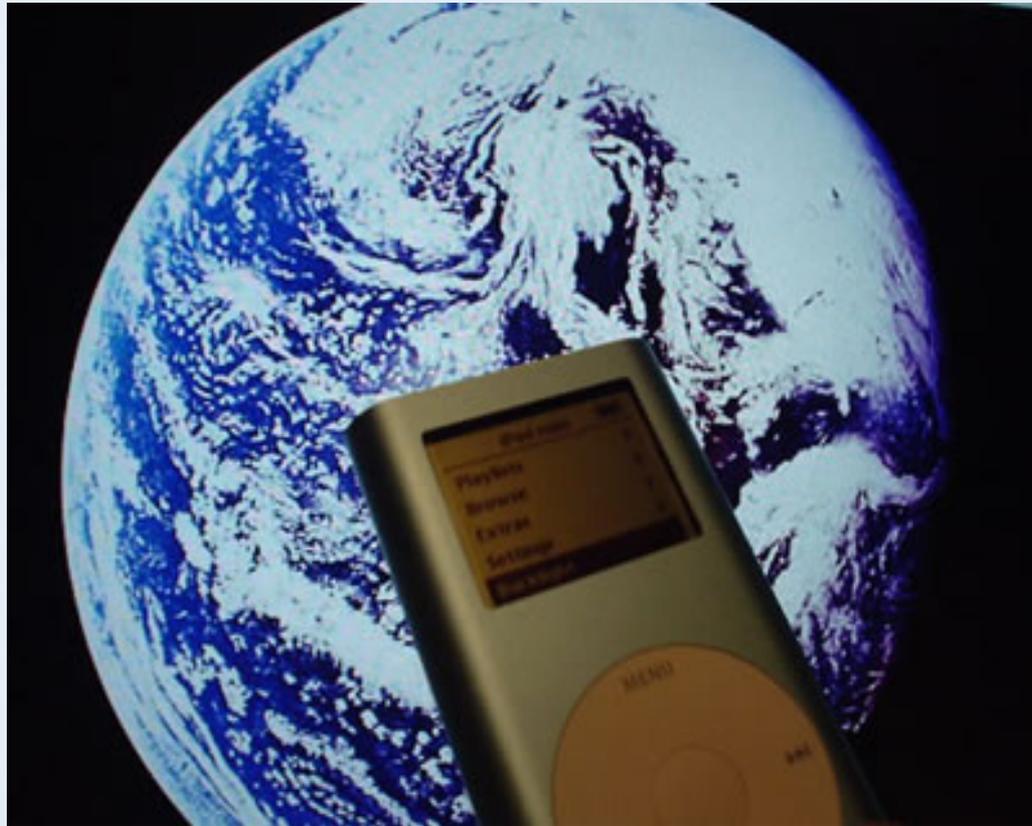
## TEMPLATE:

- <http://www.aula21.net/Wqfacil/webquest.htm>
- <http://www.aula21.net/Wqfacil/webeng.htm>
- <http://webquest.org/index.php>

## ONLINE RESOURCES

- <http://www.biopoint.com/WebQuests/webquest2.html>
- [http://www.catedu.es/crear\\_wq/wq/home/1671/index.html](http://www.catedu.es/crear_wq/wq/home/1671/index.html)
- [http://phpwebquest.org/wq25/caza/soporte\\_mondrian\\_c.php?id\\_actividad=22072&id\\_pagina=1](http://phpwebquest.org/wq25/caza/soporte_mondrian_c.php?id_actividad=22072&id_pagina=1)
- <http://kids.mysterynet.com/>
- <http://kids.mysterynet.com/>
- [http://phpwebquest.org/wq25/miniquest/soporte\\_tablon\\_m.php?id\\_actividad=22430&id\\_pagina=1](http://phpwebquest.org/wq25/miniquest/soporte_tablon_m.php?id_actividad=22430&id_pagina=1)
- [http://www.npg.org.uk/webquests/launch.php?webquest\\_id=2&partner\\_id=tate](http://www.npg.org.uk/webquests/launch.php?webquest_id=2&partner_id=tate)
- <http://www.ndaviess.k12.in.us/elemshare/Teachers/jweathers/Medieval.htm>
- [http://www.yesnet.yk.ca/schools/wes/webquests\\_themes/medieval\\_theme.html](http://www.yesnet.yk.ca/schools/wes/webquests_themes/medieval_theme.html)

# Podcasting



# Podcasting

- Multimedia resources facilitating learning through
- entertainment devices very familiar to young people who use MP3 players, iPODs to listen their favourite music
- Easy to use and accessible

**Wide range and availability online:**

**ONLINE GUIDE:** [http://learninginhand.com/podcasting/Podcasting\\_Booklet.pdf](http://learninginhand.com/podcasting/Podcasting_Booklet.pdf)

## Online Resources:

- <http://storynory.com/>
- <http://www.billygorilly.com/PODCAST/PODCAST%20IWEB/Podcast/rss.xml>
- <http://www.podcast.net/show/71597>
- <http://epnweb.org>
- <http://smarthistory.org>
- <http://www.podcast.net/show/71597>

# Distance CLIL

Multimedia environments designed for E-learning:

## **SAW SCIENCE ACROSS THE WORLD - SAW**

- Students of different European countries can follow science units in CLIL methodology in a synchronised way
- Helps the student to achieve a multi linguistic and multi cultural education
- <http://www.scienceacross.org/index.cfm?fuseaction=content.showcontent&node=92>

# Structured E-Learning Environments

## Didactic Sections of famous Museums

- Students can access to a high quality virtual artistic/Cultural dimension with online activities
- Can explore and get familiar to famous works of arts and artists learning through an interactive way
- Provide engaging educational tasks on which based artistic and procedural knowledge

## National Portrait Gallery

- <http://www.npg.org.uk/learning.php>
- <http://www.npg.org.uk/live/edelearning.asp>

## MOMA - Museum of Modern Art

- <http://www.moma.org/learn/activities>

# Sites for History

- Provide a vast variety of history resources suitable for various school levels
- Allow exploration of different historic periods, ancient civilisations and famous characters through engaging and interactive content

BBC

- <http://www.bbc.co.uk/history/forkids/>
- <http://www.bbc.co.uk/schools/starship/printanddo/standalone.shtml#crosstheswamp>

*Thanks For Your Kind Attention*

*Gracias por su amable atención*