

# WebQuests

*Teaching with Technology*

Christina J. Schindler, MS, ATACP

*Center for Assistive Technology &  
Inclusive Education Studies (CATIES) at TCNJ*

## **Topics you wanted to discuss:**

- Maximizing the use of one computer
- Using technology with lesson planning
- Using technology for student research
- Critiquing websites
- Finding educationally appropriate websites

**WOW!**

**WebQuest**

The logo features the word "WebQuest" in a bold, blue, sans-serif font. The letter "Q" is highlighted with a yellow magnifying glass. The letters "e" and "t" are partially overlaid by a green circuit board graphic. The entire logo is set against a white background with a light blue border.

//www

## So What is a WebQuest?

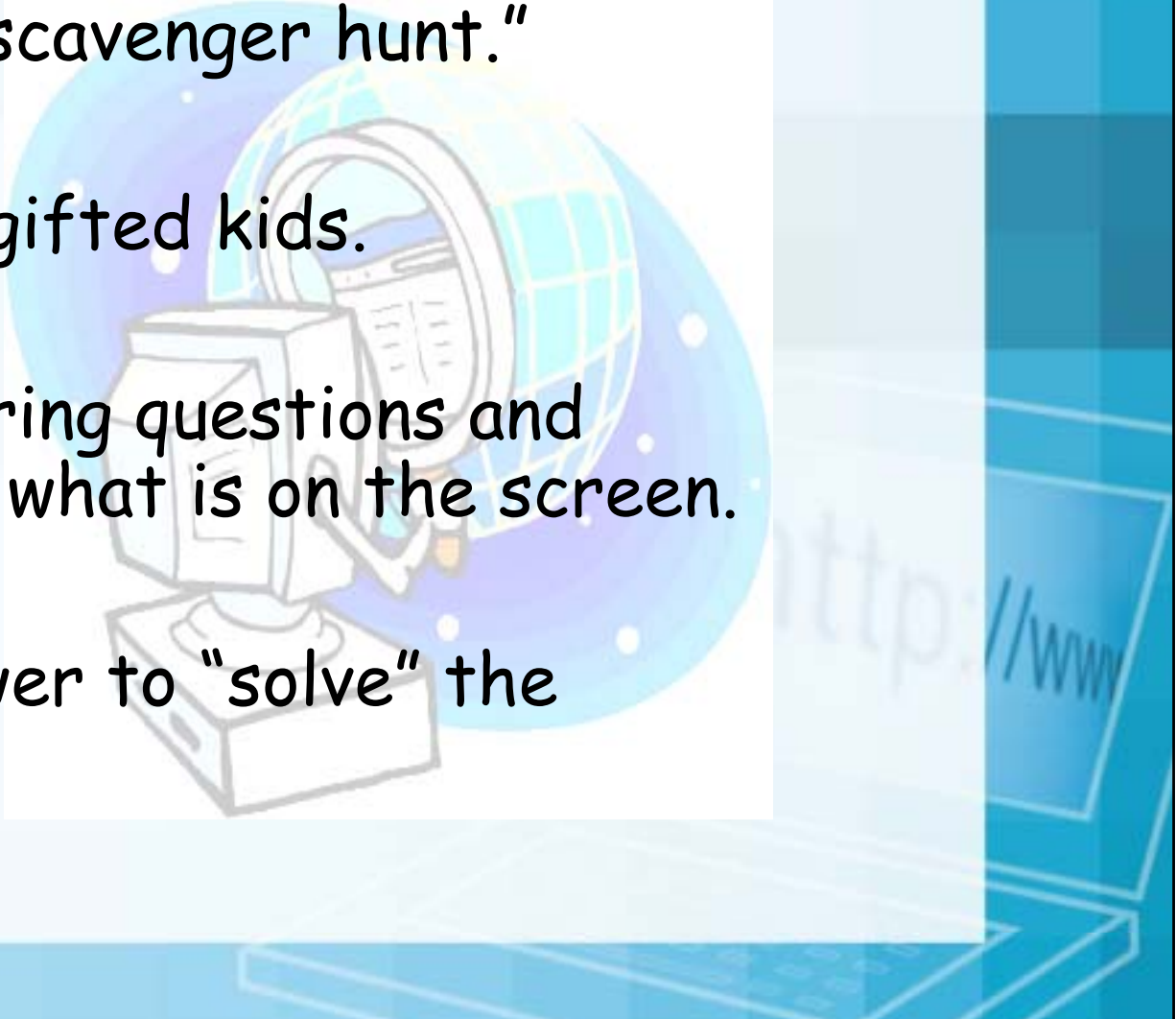
- An **inquiry-oriented activity** in which some or all of the information that learners interact with comes from resources on the Internet.
- A specific **electronic lesson design** created by Bernie Dodge of San Diego State University in 1995.

[Let's Check Out at an Example](#)

## Key Features:

- An internet-based activity that is based around an engaging and doable task.
- Emphasizes higher-order thinking skills by challenging students to solve a problem.
- Allows students to work in groups while teachers facilitate their learning.
- Scaffolding allows **ALL** to participate.
- Answers are not predefined - they must be discovered & created.

## What it is **NOT!**

- An internet "scavenger hunt."
  - Only for the gifted kids.
  - Simply answering questions and regurgitating what is on the screen.
  - Only one answer to "solve" the WebQuest.
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- A stylized illustration in the background features a globe with a grid pattern, a computer monitor displaying a webpage, and a laptop keyboard. The globe is positioned behind the monitor, and the keyboard is in the foreground. The entire scene is rendered in a light blue and white color palette with a soft, glowing effect.

## How Do WebQuests Benefit Teachers?

- See the center of gravity of your room move to the students - your classroom becomes **student-centered**.
- If you set it up right, you **facilitate learning** instead of directing it.
- Observe all your students succeed since this type of teaching **supports all learners**

# What Skills Do I Need to Create One?

- **Some Technical**
  - To use PowerPoint, create webpages or fill-in-the-blanks.
  - To know where to find things on the web.
- **Some Pedagogical**
  - To craft an engaging assignment.
  - To find a task that forces thinking.
  - To support cooperative learning strategies.
  - [To find value in the internet](#)



# The Design

- Incorporates the combination of **sequenced steps** and **preselected, linked Web sites** to guide students through the lesson
- Includes six components:
  - Introduction
  - Task
  - Process
  - Evaluation
  - Conclusion
  - Teacher page (optional)

# Components

## 1. Introduction

- Orients students and captures their interest

## 2. Task

- Describes the end product of the activity

## 3. Process

- Explains strategies students will use to complete the task
- Includes any resources

# Components (cont.)

## 4. Evaluation

- Measures the results of the activity

## 5. Conclusion

- Sums up the activity
- Encourages students to reflect on its process & results

## 6. Teacher Page (optional)

- Contains helpful information for using WebQuest: standards, examples of student work, tips

Let's see some different types



## Your Chance to Explore WebQuests

- Break into groups
- Go to [webquest.sdsu.edu/materials.htm](http://webquest.sdsu.edu/materials.htm)
- Under "*A WebQuest about WebQuests*" select an age group.
- Wait for my directions

# Let's Share Our Impressions

The Good, Bad, & Ugly??



## One Big Issue . . . Reading Level of Text

- If students can not read the text in the WebQuest here are some options:
  - Use a Text Reader
    - WordQ: <http://www.wordq.com/>
    - Text Aloud: <http://www.nextup.com/TextAloud/>
    - Read Please: **free software**
    - [www.readplease.com](http://www.readplease.com)
  - Read text into a tape recorder
    - Have parents volunteer to do this
  - If using half PowerPoint template, record text using built-in recorder.
    - Insert > Movies & Sounds > Record Sound

# Where do I start??

Making vs. Using



## 1<sup>st</sup> option: Don't Reinvent the Wheel

- [Matrix](#) of WebQuest examples
- WebQuests from a [school district](#)
- [Dinosaur WebQuest](#) - uses computer but utilizes other activities
- WebQuests from [Technology Challenge Grants](#)
- Kindergarten through 3<sup>rd</sup> Grade [WebQuests](#)
- Grades K - 2 [WebQuests](#)

## **2<sup>nd</sup> Option: I can't make a webpage and a premade one won't work**

- Visit [Filamentality](#) for a cookie cutter version to get you started. You fill in the blanks and it generates the WebQuest.
  - It's that simple!
- Try this WebQuest generator by [teAchnology](#)
- Or use a template in [PowerPoint](#) to make a WebQuest

## 3<sup>rd</sup> Option: Build/Alter it Yourself

### Have an outline ready

- [Sample WebQuest Development](#)
- [Prewriting Your WebQuest](#)
- Another WebQuest guru, Spartanburg's, [Template](#)

### Download a Starter Template

- Check out [templates](#) from the originator at SDSU
- Or use a [Design Pattern](#)

### Alter It!

Found a good one, but need to make a few changes, try this site about [adapting existing WebQuests](#)

## Whether you choose Option 1, 2 or 3 just follow the steps below . . .

1. Decide on the **Topic**
  - [The Idea Machine](#)
2. Pick the **Task**
  - Try a [Taxonomy of Tasks](#)
3. Formulate the **Process**
  - Try [Process Guides](#)
4. Research Meaningful **Resources**
  - [Searching with Savvy](#)
5. Decide upon the **Evaluation**
  - Traditional assessment techniques not the best
  - Try Individual Evaluation Rubrics
    - [Rubrics for Web Lessons](#)
    - [WebQuest Evaluation Form](#)
    - [WebQuest Rubric Maker](#)

# Let's Implement One in Your Classroom

Exploration Time



# Presentation Resources

## About WebQuests

- Main SDSU Page: <http://webquest.sdsu.edu>
- 6 Components: <http://projects.edtech.sandi.net/staffdev/buildingblocks/p-index.htm>
- Reading & Training Material: <http://webquest.sdsu.edu/materials.htm>

## Outlines

- Spartanburg's Template  
<http://www.spa3.k12.sc.us/WebQuestTemplate/webquesttemp.htm>
- Prewriting Your WebQuest - <http://www.ozline.com/webquests/prewrite.html>

## Templates

- Filamentality - <http://www.kn.pacbell.com/wired/fil>
- SDSU Templates - [webquest.sdsu.edu/LessonTemplate.html](http://webquest.sdsu.edu/LessonTemplate.html)
- Design Patterns - <http://webquest.sdsu.edu/designpatterns/all.htm>
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## Creating WebQuest Content

- The Idea Machine - <http://www.ozline.com/learning/machine.html>
- WebQuest Taxonomy: A Taxonomy of Tasks -  
<http://webquest.sdsu.edu/taskonomy.html>
- Designing for Success - <http://www.ozline.com/webquests/checklist.html>
- Searching with Savvy - [http://www.educationworld.com/a\\_tech/tech001.shtml](http://www.educationworld.com/a_tech/tech001.shtml)
- Adapting and Enhancing Existing WebQuests: <http://webquest.sdsu.edu/adapting/index.html>

# Presentation Resources (cont.)

## WebQuest Assessment

- Rubric for Evaluating WebQuests - <http://webquest.sdsu.edu/webquestrubric.html>
- WebQuest Evaluation Form - <http://www.spa3.k12.sc.us/webquestrubric.htm>
- WebQuest Rubric Maker: [http://www.teach-nology.com/web\\_tools/rubrics/webquest/](http://www.teach-nology.com/web_tools/rubrics/webquest/)

## Literature About WebQuests

- Creating a WebQuest is Easier than You Think:  
[http://www.educationworld.com/a\\_tech/tech/tech011.shtml](http://www.educationworld.com/a_tech/tech/tech011.shtml)
- \* Concept to Classroom: Exploration of WebQuests:\* **VERY Informative**  
<http://www.thirteen.org/edonline/concept2class/webquests/index.html>
- Kathy Schrock's page on WebQuests  
<http://school.discovery.com/schrockguide/webquest/webquest.html>

## WebQuest Examples

- Planet WebQuest: <http://schools.sbe.saskatoon.sk.ca/Victo/projects/Grassroots/PlanetWebQuest/WebQuest2.html>
- Introduction Example: <http://www.kn.pacbell.com/wired/bww/index.html>
- Task Example: <http://projects.edtech.sandi.net/grant/insects/task.htm>
- Process Example: <http://projects.edtech.sandi.net/sessions/westwardho/process.htm>
- Evaluation Example:  
<http://projects.edtech.sandi.net/grant/oceanpollution/evaluation.html>
- Conclusion Example: <http://projects.edtech.sandi.net/hawthorne/farm/conclusion.htm>
- Teacher Page: <http://projects.edtech.sandi.net/sessions/westwardho/t-learners.htm>

# Ready to Use WebQuests

- **Technology Challenge Grants:**  
<http://projects.edtech.sandi.net/projects/index.html>
- **Various:** <http://www.spa3.k12.sc.us/WebQuests.html>
- **Grades K - 3:** <http://eduscapes.com/sessions/travel/k3webquests.htm>
- **Grades K - 2:** <http://www.literacy.uconn.edu/k2webqu.htm>
- **Space 3<sup>rd</sup> Grade:**  
<http://schools.sbe.saskatoon.sk.ca/Victo/projects/Grassroots/Planet%20WebQuest/WebQuest2.html>
- **Winn-Dixie:**  
[http://www.readingonline.org/electronic/elec\\_index.asp?HREF=/electronic/boswell](http://www.readingonline.org/electronic/elec_index.asp?HREF=/electronic/boswell)
- **Dinosaurs:**  
<http://mywebpages.comcast.net/saponaro/dino/dinowebquest.html>