

# USING DIFFERENT INSTRUCTIONAL MODELS TO GUIDE STUDENTS' TECHNOLOGY LEARNING

## Introduction

- \*WHO?
- \*WHAT?
- \*WHEN?
- \*WHERE?
- \*WHY?
- \*HOW?

## Project-Based Learning (PBL)

- \*PBL?
- \*MY USE.
- \*FINDINGS.

## Internet Video Activities

- \*INTERNET VIDEO ACTIVITIES?
- \*MY USE.
- \*FINDINGS.

# OBJECTIVE

\*STUDENTS ARE READILY LEARNING TECHNOLOGY ON THEIR OWN. DIFFERENT INSTRUCTIONAL MODELS CAN BE USED TO SUPPORT STUDENTS AS THEY LEARN ABOUT TECHNOLOGY. IN THIS SESSION, YOU WILL BE LEARNING ABOUT HOW PROJECT-BASED LEARNING AND INTERACTIVE VIDEO ACTIVITIES CAN GUIDE STUDENTS' LEARNING.

**\*WHO?**

BRANDON MORTON

**\*WHAT?**

K-5 TECHNOLOGY  
TEACHER

**\*WHEN?**

START OF 5TH YEAR

**\*WHERE?**

-WAUKEE CSD  
-EASON  
ELEMENTARY



**\*WHY?**

I LOVE THE  
INNOVATIVENESS OF  
THE STUDENTS.



**\*HOW?**

BECAUSE TECHNOLOGY  
IS ALWAYS GOING TO  
"GROW" WITH STUDENTS

# Project-Based Learning (PBL)

"PROJECT BASED LEARNING IS AN INSTRUCTIONAL APPROACH BUILT UPON AUTHENTIC LEARNING ACTIVITIES THAT ENGAGE STUDENT INTEREST AND MOTIVATION. THESE ACTIVITIES ARE DESIGNED TO ANSWER A QUESTION OR SOLVE A PROBLEM AND GENERALLY REFLECT THE TYPES OF LEARNING AND WORK PEOPLE DO IN THE EVERYDAY WORLD OUTSIDE THE CLASSROOM." ([WWW.PBL-ONLINE.ORG/](http://WWW.PBL-ONLINE.ORG/))

## MY USE?

ELEMENTARY TECHNOLOGY TEACHERS DEVELOPED A PBL UNIT FOR 5TH GRADE STUDENTS TO DECIDE: "WHERE SHOULD I GO THIS SUMMER."  
STUDENTS LEARNED EXCEL, WORD, POWERPOINT, BLOGGING AND WIKIS.

## FINDINGS?

FOUND STUDENTS EXCITED TO LEARN AND TO SHOW WHAT THEY LEARNED.  
FOUND STUDENTS ABLE TO LEARN THE TECHNOLOGY APPS. BETTER.  
*\*THE STUDENTS PRODUCED LEARNING  
- NOT CONSUMED LEARNING.*

## "WHERE SHOULD I GO THIS SUMMER"

- RESEARCH / BLOGGING
- WIKI -DOWNLOAD DOCUMENTS
- EXCEL -TRAVEL PLAN ITINERARY
- WORD -POSTER
- POWERPOINT
- PRESENTATION
- EXAMPLES

## WEBSITES:

- [WWW.PBL-ONLINE.ORG/](http://WWW.PBL-ONLINE.ORG/)
- [WWW.WESTED.ORG/PBLNET/EXEMPLARY\\_PROJECTS.HTML](http://WWW.WESTED.ORG/PBLNET/EXEMPLARY_PROJECTS.HTML)
- [PBLCHECKLIST.4TEACHERS.ORG/](http://PBLCHECKLIST.4TEACHERS.ORG/)
- [WWW.PROJECTFOUNDRY.ORG/](http://WWW.PROJECTFOUNDRY.ORG/)
- [WWW.COE.KSU.EDU/PBL/INDEX.HTM](http://WWW.COE.KSU.EDU/PBL/INDEX.HTM)

# INTERACTIVE VIDEO ACTIVITIES

INTERACTIVE VIDEOS ARE PERSONALLY CREATED BY TEACHERS TO GUIDE THEIR STUDENTS INTO LEARNING ABOUT TECHNOLOGY CONCEPTS. STUDENTS ARE ABLE TO VIEW THE VIDEOS ON THEIR OWN ACCORD, SEEK ASSISTANCE FROM THEIR PEERS OR TEACHERS IF NEEDED, AND FLUENTLY MOVE BETWEEN TECHNOLOGY CONCEPTS. THE VIDEOS PROVIDE CENTERED-INDEPENDENCE FOR BOTH STUDENTS AND TEACHERS.

## MY USE?

INTERACTIVE VIDEOS WERE CREATED TO BETTER HELP STUDENTS INDEPENDENTLY PROGRESS THROUGH VARIOUS PARTS OF THE PBL UNIT. FROM THEIR INDEPENDENCE THEY COLLABORATED MORE EFFECTIVELY.

## FINDINGS?

FOUND STUDENTS ABLE TO BETTER UNDERSTAND THE VARIOUS COMPONENTS OF THE PBL PROJECT. THEY WERE ABLE TO INDEPENDENTLY MOVE FROM PART TO PART WITHOUT HAVING TO WAIT FOR OTHER GROUPS.

## "HOW TO CREATE / EXAMPLES"

- SCRIPT / IDEA
- CAPTURE VIDEO / IMAGE
- SHARE / EMBED ON WEBSITE OR SAVE AS A FILE ON YOUR COMPUTER
- SHOW STUDENTS / LET THEM WATCH
  
- EXAMPLES
  - EXCEL, WORD, POWERPOINT

## WEBSITES:

- [WWW.JINGPROJECT.COM/](http://WWW.JINGPROJECT.COM/)
- [WWW.TECHSMITH.COM/](http://WWW.TECHSMITH.COM/)

**THANKS SO MUCH FOR LISTENING!!**

**QUESTIONS?**

**FEEDBACK IS WELCOMED,**

**GO TO THIS WEBSITE:**

[HTTP://QUIZ.COSMICSOFT.NET/MYR](http://quiz.cosmicsoft.net/myr)

# Websites

## PBL Websites

[bmorton@waukee.k12.ia.us](mailto:bmorton@waukee.k12.ia.us)

- [www.pbl-online.org/](http://www.pbl-online.org/)
- [www.wested.org/pblnet/exemplary\\_projects.html](http://www.wested.org/pblnet/exemplary_projects.html)
- [pblchecklist.4teachers.org/](http://pblchecklist.4teachers.org/)
- [www.projectfoundry.org/](http://www.projectfoundry.org/)
- [www.coe.ksu.edu/pbl/index.htm](http://www.coe.ksu.edu/pbl/index.htm)

## Internet Video Websites

- [www.jingproject.com/](http://www.jingproject.com/)
- [www.techsmith.com/](http://www.techsmith.com/)

## Feedback Website

<http://quiz.cosmicsoft.net/MYR>

## Eason 5th Grade Website

[www.waukee.k12.ia.us/easonelementary/computers/fifth\\_grade\\_keyboardng.html](http://www.waukee.k12.ia.us/easonelementary/computers/fifth_grade_keyboardng.html)