

Using Infographics in the Classroom

Design Document

PURPOSE OF THE COURSE

Using Infographics in the Classroom is designed to provide basic training on how infographics can be used in the classroom. This course is not designed to teach participants all details of infographics but to provide a solid start so participants can begin incorporating them into their lesson plans. At the end of this course, participants will design a lesson plan that uses infographics.

AUDIENCE DESCRIPTION

The primary audience consists of 6th, 7th and 8th grade teachers. Some are familiar with infographics; however, being familiar with infographics is not a pre-requisite for this course. All teachers are required to attend this course.

COURSE OBJECTIVES

After completing this course, the learner will be able to

- a. Explain what infographics are and why they are effective for conveying information.
- b. List the benefits of having students create, analyze and interpret infographics.
- c. Find infographics related to subject content.
- d. Identify what makes a good infographic.
- e. Create a lesson plan that uses infographics.

TIME

This course is 130 minutes. It is divided into two 60 minute blocks with a 10 minute break in between. The first 60 minutes is an introduction to infographics. The second 60 minutes provides participants with examples of how they can use infographics in their classroom and gives them an opportunity to write their own lesson plan.

LEARNING ASSESSMENT

Participants will work with a partner to write a lesson plan that uses infographics. The lesson plan will be shared with and reviewed by their content team and instructional coach.

MATERIALS

This course will use the following media:

- Computer
- LCD projector and screen
- Wireless internet access
- Participants are encouraged to bring a laptop or tablet
- Several power strips (if needed)
- Flipcharts (1 per group)
- Markers
- Facilitator guide
- Prezi presentation
- “It’s the Age of Infographics” video
- Handout - What makes a good infographic? (1 per participant)
- Handout - Analyzing Infographics (1 per participant)
- Handout - Creating Infographics Project (1 per participant)
- Handout - Course Evaluation Form (1 per participant)

DEVELOPMENT TOOLS

This course will be assembled and developed in Microsoft Word and Prezi.

COURSE SCOPE

This course will cover the following topics:

1. What is an infographic?
2. What is the purpose of infographics?
3. Why should infographics be used in the classroom?
4. Where do you find infographics?
5. What makes a good infographic?
6. How can infographics be used in the classroom?

DETAILED OUTLINE

Pre-Course Activities

Prior to this course, an email will be sent to participants suggesting they find at least two infographics that relates to the content they teach. The email will include a list of websites for them to search through. Participants will also be encouraged to bring their laptop or tablet to the session.

Introduce Lesson

Introductions	The instructor will introduce herself/himself and introduce the course. Since the instructor and all participants are familiar with each other, there will not be an ice breaker.
Objectives	<ol style="list-style-type: none"> 1. Explain what infographics are and why they are effective for conveying information. 2. List the benefits of having students create, analyze and interpret infographics. 3. Find infographics related to subject content. 4. Identify what makes a good infographic. 5. Create a lesson plan that uses infographics.
Agenda	<ol style="list-style-type: none"> 1. What is an infographic? 2. What is the purpose of infographics? 3. Why should infographics be used in the classroom? 4. What makes a good infographic? 5. How can infographics be used in the classroom?
Benefits	The benefits of this course will be discussed in topic 3.

Presentation, Application and Feedback Methods

Topic	Presentation Method	Application Method	Feedback Method	Time Required
1. What is an infographic?	Lecture			2 minutes
2. What is the purpose of infographics?	Lecture			5 minutes
3. Why should infographics be used in the classroom?	Video, Lecture			6 minutes
4. Where do you find infographics?	Lecture			2 minutes
5. What makes a good infographic?	Each pair of participants will critique two infographics	Each group will write a set of guidelines for students	Each group will present to the class	40 minutes
6. How can infographics be used in the classroom?	Four Examples	Each pair of participants will write a lesson plan	Each pair of participants will share with their content team and instructional coach	48 minutes

Summarize Lesson

Debrief	Participants will be instructed to finish their lesson plan within the next two weeks and share them with their content team.
Review	Brainstorm Race: Each group of four will have their own flipchart to write down as many things as they can that were discussed in this lesson. The group with the most items after 5 minutes wins.

Post-Course Activities

Two weeks after this session, participants will share their lesson plan with their content team and instructional coach. Discussion questions will be provided to guide their discussion.

Approvals

Designer	Signature:		Sponsor	Signature:	
	Date:			Date:	

RESOURCES

The following resources were used to develop this course:

Resources:

It's The Age of Infographics Video: <https://www.youtube.com/watch?v=VQbFX2QzbOI>

Common Core Literacy Standards: <http://www.corestandards.org/ELA-Literacy/RST/6-8/>

21st Century Skills: http://www.p21.org/storage/documents/1_p21_framework_2-pager.pdf

Information Literacy Graphic: <http://www.allpurposeguru.com/2010/04/information-literacy-the-work-of-librarians-past-and-present/>

Information Literacy Definition:
<http://www.ala.org/acrl/standards/informationliteracycompetency>

Visual Literacy Graphic: http://www.ala.org/acrl/publications/keeping_up_with/visual_literacy

Visual Literacy Definition: <http://www.educ.kent.edu/community/vlo/literacy/index.html>

Digital Literacy Graphic: <http://www.jiscrsc.ac.uk/support-for/digital-literacy/organisational-review.aspx>

Digital Literacy Definition: <http://www.library.illinois.edu/digit/definition.html>

7 Super Tips for Creating Powerful Infographics: <http://www.entrepreneur.com/article/229818>

100+ Infographic Sites: <http://infographicsonline.com/submit-infographics-100-infographic-submission-sites/>

Over 100 Incredible Infographic Tools and Resources: <http://dailytekk.com/2012/02/27/over-100-incredible-infographic-tools-and-resources/>

Lessons:

What is Your Risk? Identity Theft Lesson: <http://familyconsumersciences.com/2014/06/analyzing-facs-related-infographics/>

10 Worst Environmental Disasters in US History Project
<http://learning.blogs.nytimes.com/2010/08/27/teaching-with-infographics-a-student-project-model/>

Infographics:

Water Down Infographic:

<http://awesome.good.is.s3.amazonaws.com/transparency/web/1106/clean-water/flat.html>

Infographics: The Art of Display Data Infographic: <http://www.skilledup.com/learn/graphic-design/create-your-own-infographic-mike-wirth/>

Countdown of Life Infographic: http://theultralinx.com/2013/02/countdown-life-time-left-infographic.html?utm_source=feedburner&utm_medium=email&utm_campaign=Feed:+UltraLinx+%28UltraLinx%29

Electoral College Table: http://en.wikipedia.org/wiki/Electoral_College_%28United_States%29

Red State, Blue State Infographic: <http://visual.ly/red-state-blue-state>

How to be a Superhero Infographic:

<http://media.creativebloq.futurecdn.net/sites/creativebloq.com/files/images/2013/10/superbig.jpg>

The Magic Bean Shop Infographic: <http://www.princeton.edu/~ina/infographics/starbucks.html>

The Numbers Behind China Infographic: <http://visual.ly/china-numbers>

Anatomy of a Hurricane Infographic: <http://tinyurl.com/ky9upyk>

What is Your Risk? Infographic: <http://www.identityhawk.com/identity-theft-risk-statistics-infographic>