

**Wilson Area School District
Planned Course Guide**

Title of planned course: Information Literacy

Subject Area: Computer Arts

Grade Level: 8

Course Description: Students will be able to determine the validity of website and understand the key principles of web-based research. Students will be able to research a topic and present findings using a multimedia non-linear PowerPoint presentation.

Time/Credit for this Course: 6 weeks

Curriculum Writing Committee: Ken Murray and Peter Lucot

Curriculum Map

- Week 1: Internet safety and basic information literacy
- Week 2: Determining validity of a website/research using websites
- Week 3: Use of multimedia devices in PowerPoint
- Week 4: Creating PowerPoints with sound, animation, and hyperlinks
- Week 5: PowerPoint (application)
- Week 6: Presenting PowerPoint presentation

Curriculum Scope & Sequence

Planned Course: Information Literacy, Research, and Presentation
(Grade 8)

Unit: Information Literacy

Time frame: 6 – 10 Days

State Standards: 3.7.10.E

Anchor(s) or adopted anchor:

Essential content/objectives: At end of the unit, students will be able to: describe cyber bullying and appropriate responses, identify domain suffixes, determine website credibility, interpret and evaluate information obtained from the internet, select the right source and right tool for information needs, determine authority and accuracy of information, select the best "hits" for their research question, and create effective search statements. Students will demonstrate and / or describe appropriate online behaviors, including interacting with other individuals on social networking sites and chat rooms.

Core Activities: Students will complete/participate in the following:

- Review internet safety
- Completion of domain names activity
- Compare and contrast usefulness/reliability/value
- Understand how an authors affiliation impacts reliability
- Identify bias within research
- Determine a sites author, contributors, and staff
- Determine an authors, contributors, or staffs expertise

Extensions:

- Students may generate a PowerPoint outlining the various domain names and their uses.
- Students may locate and present bias sties and sources on the internet.

Remediation:

- Re-teaching activity for domain name identification
- Re-teaching activity for determining a sites author, contributors, and staff

Instructional Methods:

- Direct instruction with projector – exploratory learning

Materials & Resources:

- Teacher hand-outs
- Various World Wide Web sites

Assessments:

- Teacher observation – completion of worksheets on:
 - Domain Names
 - Point of view checklist
 - Domain name quiz

Curriculum Scope & Sequence

Planned Course: Information Literacy, Research, and Presentation
(Grade 8)

Unit: Multimedia Elements

Time frame: 5 days

State Standards 3.7.10.D

Anchor(s) or adopted anchor:

Essential content/objectives: At end of the unit, students will be able to:
Utilize the microphone, digital camera, and scanner to enhance a multimedia project

Core Activities: Students will complete/participate in the following:

- Mini-lessons introducing each element of multimedia and its function
- Exploratory opportunity with each multimedia element in class

Extensions:

- Utilize elements to enhance PowerPoint projects
- Conduct interview for Lauer Live using digital camcorder

Remediation:

- Re-teaching activities through hands-on, monitored practice

Instructional Methods:

- Direct instruction
- Exploratory learning
- Hands-on practice

Materials & Resources:

- Mini-lesson directions
- Multimedia labeling sheets

Assessments:

- Teacher observation
- Completion of mini-lesson activities

Curriculum Scope & Sequence

Planned Course: Information Literacy, Research, and Presentation
(Grade 8)

Unit: Power Point

Time frame: 15-19 classes

State Standards 3.7.7.D

Anchor(s) or adopted anchor:

Essential content/objectives: At end of the unit, students will be able to:
Generate and present a non-linear PowerPoint presentation containing voice narration, hyperlinks, and other multi-media characteristics, based on web-based research.

Core Activities: Students will complete/participate in the following:
Participate in mini-lessons on voice narration/recording, obtaining GIFS from the Internet, creating hyperlinks and researching a selected topic

Extensions:

- Create a PowerPoint demonstrating the topics of the mini-lessons
- Present a PowerPoint presentation

Remediation:

- Teacher created PowerPoint for re-teaching activities

Instructional Methods:

- Direct instruction/mini-lessons/demonstration

Materials & Resources:

- Procedure sheets for the mini-lessons/teacher generated PowerPoint

Assessments:

- Teacher observation
- Graded PowerPoint Presentation (Rubric)
- Activity completion

Suggested Day-By-Day Guide

1. Opening class, roster, logins
2. Overview of computer/internet policy
3. Computer/internet policy quiz/Review internet safety (6th grade)
4. Introduce domain names – identify suffixes and uses – explore
5. Lesson on determining a sites author, contributor, and staff – reliability
6. Lesson Cont. – understanding bias, group affiliation, and expertise
7. Identifying a sites sponsor, is it reputable, area of expertise?
8. Compare and contrast activity-locate reputable and questionable sites.
9. Effective search statements activity – variation on search statements
10. Using “hit” titles, descriptions and web addresses to select search results
11. Introduce microphone/recording sound
12. Introduce digital camera use/storage of images
13. Introduce scanner and the ways it can be utilized
14. How to apply sound recording, digital images, and scanned images
15. Review PowerPoint and its uses/functions
16. Mini-lesson creating hyperlinks – non-linear presentation
17. Mini-lesson on retrieving sound clips, clip art, and animation from the WWW
18. Overview of PowerPoint requirements/expectations – view samples
19. Students begin non-linear PowerPoint project
20. PowerPoint/multimedia continued
21. PowerPoint/multimedia continued
22. PowerPoint/multimedia continued
23. PowerPoint/multimedia continued
24. PowerPoint/multimedia continued
25. PowerPoint/multimedia continued
26. PowerPoint/multimedia continued
27. Student project presentations
28. Student project presentations
29. Student project presentations
30. Student project presentations