

**WEST JEFFERSON HILLS SCHOOL DISTRICT
THOMAS JEFFERSON HIGH SCHOOL
DIGITAL DESIGN**

GRADES 10 – 11 – 12

Curriculum Strand: Desktop Publishing – Learn and Apply Elements of Layout and Design

PA Academic Standards Student must be able to do	Objective Content or process student will be able to know and do	Instructional Methods	Materials/ Resources Textbooks, trade books, workbooks, software, hardware, etc.	*Assessment Procedures *Additional adaptations, modifications, accommodations, and enrichment/ acceleration will be provided per IEP	*Additional Learning Opportunities for students who do not meet basic standards *Additional adaptations, modifications, and accommodations will be provided per IEP	*Extended Learning Opportunities for students who can go beyond the basic standards. *Additional enrichment/acceleration will be provided per IEP
<i>Pennsylvania’s public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i>						
PA Standards 3.7 Apply advanced graphic manipulation and desktop publishing techniques. Apply advanced word processing skills.	Students will know, recognize and utilize the elements of design and layout. Students will gain real-world practice and reinforcement in: <ul style="list-style-type: none"> • Page layout and design • Creativity and imagination • Technical Writing • Critical thinking • Establishing a business identity • Advertising & Marketing • Planning & decision making 	Teacher presentations Evaluation of printed material Guided Practice Cooperative Learning Workbook practice	Frillio’s Pizza workbook MS Word Magazines Newspapers Business Publications Computer Internet Scanner	Teacher observation Project assignment rubrics Quizzes	Review Lesson Peer tutoring After school help	Extra handouts to enhance lesson with added features of design.

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DIGITAL DESIGN**

GRADES 10 – 11 – 12

Curriculum Strand: Desktop Publishing – Learn and Apply Elements of Layout and Design (Continued)

PA Academic Standards Student must be able to do	Objective Content or process student will be able to know and do	Instructional Methods	Materials/ Resources Textbooks, trade books, workbooks, software, hardware, etc.	*Assessment Procedures *Additional adaptations, modifications, accommodations, and enrichment/ acceleration will be provided per IEP	*Additional Learning Opportunities for students who do not meet basic standards *Additional adaptations, modifications, and accommodations will be provided per IEP	*Extended Learning Opportunities for students who can go beyond the basic standards. *Additional enrichment/acceleration will be provided per IEP
<i>Pennsylvania’s public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i>						
PA Standards 3.7 D, E	Students will be able to use hardware such as a scanner and digital camera (if possible) to create desktop publishing materials	Teacher presentations Evaluation of printed material Guided practice Cooperative learning Workbook practice	Frillio’s Pizza workbook MS Word Magazines Newspapers Business publications Computer Internet Scanner	Teacher observation Project Assignment Rubrics Quizzes	Review lesson Peer tutoring After school help	Extra handouts to enhance lesson with added features of design.

**WEST JEFFERSON HILLS SCHOOL DISTRICT
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DIGITAL DESIGN**

GRADES 10 – 11 - 12

Curriculum Strand: Presentation Software – Learn and Apply Principles of Presentation Software

PA Academic Standards Student must be able to do	Objective Content or process student will be able to know and do	Instructional Methods	Materials/ Resources Textbooks, trade books, workbooks, software, hardware, etc.	*Assessment Procedures *Additional adaptations, modifications, accommodations, and enrichment/ acceleration will be provided per IEP	*Additional Learning Opportunities for students who do not meet basic standards *Additional adaptations, modifications, and accommodations will be provided per IEP	*Extended Learning Opportunities for students who can go beyond the basic standards. *Additional enrichment/acceleration will be provided per IEP
<i>Pennsylvania’s public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i>						
PA Standards 3.7 Apply advanced graphic manipulation and desktop publishing techniques. Apply advanced word processing skills. Apply basic multimedia applications. Design and apply advanced multimedia techniques. Evaluate the effectiveness of a computer as a presentation tool. Transfer files among different computer platforms.	Student will be able to: Explain the primary purposes of using PowerPoint and related terminology. Explain the function of the PowerPoint views. Enhance their presentation by using hardware such as a scanner, digital camera, microphone, and headphones. Format text with color and backgrounds Manipulate objects by aligning, stacking, grouping, and ungrouping	Teacher presentations Evaluation of completed PowerPoint projects Guided Practice Workbook practice	PowerPoint Workbook MS PowerPoint Software Computer Internet Scanner Digital Camera Smartboard Headphones Microphone	Teacher observation Project Assignment Rubrics Quizzes	Review Lesson Peer tutoring After school help	Extra handouts to enhance lesson with added features of design.

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DIGITAL DESIGN
GRADES 10 – 11 - 12**

Curriculum Strand: Presentation Software – Learn and Apply Principles of Presentation Software (CONTINUED)

PA Academic Standards Student must be able to do	Objective Content or process student will be able to know and do	Instructional Methods	Materials/Resources Textbooks, trade books, workbooks, software, hardware, etc.	*Assessment Procedures *Additional adaptations, modifications, accommodations, and enrichment/ acceleration will be provided per IEP	*Additional Learning Opportunities for students who do not meet basic standards *Additional adaptations, modifications, and accommodations will be provided per IEP	*Extended Learning Opportunities for students who can go beyond the basic standards. *Additional enrichment/acceleration will be provided per IEP
<i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i>						
PA Standards 3.7 D, E Apply advanced graphic manipulation and desktop publishing techniques. Apply advanced word processing skills. Apply basic multimedia applications. Design and apply advanced multimedia techniques. Evaluate the effectiveness of a computer as a presentation tool. Transfer files among different computer platforms.	Include objects such as drawings, scanned pictures, audio and video clips from the internet to enhance presentations Develop presentations which include animations and transitions Effectively deliver a presentation using the Smartboard Transfer presentations to a CD	Teacher presentations Evaluation of Completed PowerPoint projects Guided Practice Workbook practice	PowerPoint workbook MS PowerPoint Software Computer Internet Scanner Digital Camera Smartboard Headphones Microphones	Teacher observation Project Assignment Rubrics Quizzes	Review lesson Peer tutoring After school help	Extra handouts to enhance lesson with added features of design.

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GRADES 10 – 11 - 12

Curriculum Strand: Web Page Design – Learn and Apply Principles of Web Page Design

PA Academic Standards Student must be able to do	Objective Content or process student will be able to know and do	Instructional Methods	Materials/ Resources Textbooks, trade books, workbooks, software, hardware, etc.	*Assessment Procedures *Additional adaptations, modifications, accommodations, and enrichment/ acceleration will be provided per IEP	*Additional Learning Opportunities for students who do not meet basic standards *Additional adaptations, modifications, and accommodations will be provided per IEP	*Extended Learning Opportunities for students who can go beyond the basic standards. *Additional enrichment/acceleration will be provided per IEP
<i>Pennsylvania’s public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i>						
PA Standards: 3.7 D, E Apply advanced graphic manipulation and desktop publishing techniques. Apply basic multimedia applications. Design and apply advanced multimedia techniques. Transfer files among different computer platforms. Describe and apply the components of a web page and their function	Students will be able to <ul style="list-style-type: none"> • Plan and define a web site • Set the home page along with folders and pages • Create content and set page properties • Create, Import, and Format text • Add links to web pages • Modify and test Web pages 	Teacher presentations Evaluation of Completed Dreamweaver projects Guided Practice Workbook practice Geocities Account	Dreamweaver workbook Dreamweaver Software Computer Internet Scanner Smartboard Headphones Microphones	Teacher observation Project Assignment Rubrics Quizzes	Review lesson Peer tutoring After school help	Extra handouts to enhance lesson with added features of design.

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GRADES 10 – 11 - 12

Curriculum Strand: Web Page Design – Learn and Apply Principles of Web Page Design (CONTINUED)

PA Academic Standards Student must be able to do	Objective Content or process student will be able to know and do	Instructional Methods	Materials/ Resources Textbooks, trade books, workbooks, software, hardware, etc.	*Assessment Procedures *Additional adaptations, modifications, accommodations, and enrichment/ acceleration will be provided per IEP	*Additional Learning Opportunities for students who do not meet basic standards *Additional adaptations, modifications, and accommodations will be provided per IEP	*Extended Learning Opportunities for students who can go beyond the basic standards. *Additional enrichment/acceleration will be provided per IEP
<i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i>						
3.7 D, E Apply advanced graphic manipulation and desktop publishing techniques. Apply advanced word processing skills. Apply basic multimedia applications. Design and apply advanced multimedia techniques. Evaluate the effectiveness of a computer as a presentation tool. Transfer files among different computer platforms.	<ul style="list-style-type: none"> • Create unordered and ordered lists • Create, apply, and edit cascading style sheets • Insert, align, and enhance images • Insert a background image • Create external and internal links • Insert Rollovers with Flash text • Create and edit a table. • Publish a website and transfer files 	Teacher presentations Evaluation of Completed Dreamweaver projects Guided Practice Workbook practice Geocities Account	Dreamweaver workbook Dreamweaver Software Computer Internet Scanner Smartboard Headphones Microphones	Teacher observation Project Assignment Rubrics Quizzes	Review lesson Peer tutoring After school help	Extra handouts to enhance lesson with added features of design.

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GRADES 10 – 11 - 12

Curriculum Strand: Animation Software – Learn and apply principles of animation.

PA Academic Standards Student must be able to do	Objective Content or process student will be able to know and do	Instructional Methods	Materials/ Resources Textbooks, trade books, workbooks, software, hardware, etc.	*Assessment Procedures *Additional adaptations, modifications, accommodations, and enrichment/ acceleration will be provided per IEP	*Additional Learning Opportunities for students who do not meet basic standards *Additional adaptations, modifications, and accommodations will be provided per IEP	*Extended Learning Opportunities for students who can go beyond the basic standards. *Additional enrichment/acceleration will be provided per IEP
<i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i>						
3.7 D, E Design and apply advanced multimedia techniques. Transfer files among different computer platforms.	Students will be able to: Open a document and play a movie. Create and save a movie. Work with the timeline. Use the Flash drawing tools. Select objects & apply color Work with drawn objects, text, objects, and layers Create symbols and buttons.	Teacher presentations Evaluation of Completed Flash projects Guided Practice Workbook practice Geocities Account	Flash workbook Flash Software Computer Internet Scanner Smartboard Headphones Microphones	Teacher observation Project Assignment Rubrics Quizzes	Review lesson Peer tutoring After school help	Extra handouts to enhance lesson with added features of design.

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GRADES 10 – 11 - 12

Curriculum Strand: Animation Software – Learn and apply principles of animation. (CONTINUED)

PA Academic Standards Student must be able to do	Objective Content or process student will be able to know and do	Instructional Methods	Materials/ Resources Textbooks, trade books, workbooks, software, hardware, etc.	*Assessment Procedures *Additional adaptations, modifications, accommodations, and enrichment/ acceleration will be provided per IEP	*Additional Learning Opportunities for students who do not meet basic standards *Additional adaptations, modifications, and accommodations will be provided per IEP	*Extended Learning Opportunities for students who can go beyond the basic standards. *Additional enrichment/acceleration will be provided per IEP
<i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i>						
3.7 D, E Design and apply advanced multimedia techniques. Transfer files among different computer platforms.	Work with libraries. Assign actions to frames and buttons. Create frame-by-frame animations Create animation effects. Animate text Create a mask effect, add sounds and scenes. Create an animated navigation bar.	Teacher presentations Evaluation of Completed Dreamweaver projects Guided Practice Workbook practice Geocities Account	Flash workbook Flash Software Computer Internet Scanner Smartboard Headphones Microphones	Teacher observation Project Assignment Rubrics Quizzes	Review lesson Peer tutoring After school help	Extra handouts to enhance lesson with added features of design.