

Orange Unified School District
COMPUTER APPLICATIONS
Year Course

GRADE LEVEL: 10-11

PREREQUISITES: Student must be a member of the Collaborative Technology Program.

INTRODUCTION TO THE SUBJECT:

This course works in collaboration with CTP (Collaborative Technology Program) English and history. Students are utilizing computer technology in a project-based environment. During the spring semester students are involved in the Junior Achievement Program which intertwines with all three CTP courses.

COURSE OBJECTIVES:

BY THE END OF THE COURSE THE STUDENT WILL BE ABLE TO:

Create a variety of documents utilizing Desktop Publishing software.

Create and present multimedia presentations.

Integrate a variety of publishing programs to create children's stories.

Understand and utilize three-dimensional software programs.

Understand and utilize animation software programs.

Create multi-tiered and multimedia websites.

Create and edit student directed movies utilizing computer software.

Plan and create student individualized computer projects.

COURSE OVERVIEW AND APPROXIMATE UNIT TIME ALLOTMENTS:

<u>FIRST SEMESTER</u>	<u>WEEKS</u>
I. (Grade 10) Beginning Desktop Publishing (Grade 11) Digital Imaging with Desktop Publishing	4
II. (Grade 10) Multimedia Presentations A. Slide show with music (Grade 11) Multimedia Presentations A. Video editing and incorporation	3
III. (Grade 10) Introductory Animation A. Simple object with background (Grade 11) Multiple Level Animation A. Interactive objects with varying backgrounds	3
IV. (Grade 10) Children's Stories A. Clipart and text utilization (Grade 11) Children's Stories A. Creating own characters and backgrounds	3
V. (Grade 10) Introduction to Three-Dimensional Software A. Creating simple objects (Grade 11) Creating Multifaceted Three-Dimensional Objects	3
Total Weeks 1 st Semester:	16
 <u>SECOND SEMESTER</u>	
I. (Grade 10) Desktop Publishing A. Junior Achievement Focus (Grade 11) Desktop Publishing A. Resumes and cover letters	3
II. (Grade 10) Multi-tiered Websites A. Junior Achievement Focus (Grade 11) Multi-tiered Websites with Multimedia Incorporation	4
III. (Grade 10) Office Business Incorporation Software (Grade 11) Utilization of Business Software in Junior Achievement Operations	3
IV. (Grade 10) Student Advertisement Movies (Grade 11) Student Edited Movies with Transition Effects	3
	<u>WEEKS</u>

V. (Grade10) Individualized Projects	3
(Grade 11) Individualized Projects	—
Total Weeks 2 nd Semester:	16

DATE OF LAST CONTENT REVISION: February 1993

DATE OF CURRENT CONTENT REVISION: April 2007

DATE OF BOARD APPROVAL: May 10, 2007

