
Course Description

Subject: Computer 2 (8th Grade Computer Class)

Overview:

Computer 2 meets three days a week for one quarter. The skills and concepts covered in the class include computer vocabulary, database creation and modification, access and reply to an email message, research using the Internet, and a comprehensive electronic presentation.

- ✦ Database Unit – the students will produce two databases with table, query, form and report objects.
- ✦ Email/Internet Research/PowerPoint Unit – the students will produce a slide show using information gathered during Internet research. Students will also receive, modify and reply to an email.

Completion of all the requirements from Computer 1 and Computer 2 will give the students an opportunity to fulfill high school credits while at Heights Christian Junior High School.

Primary Biblical Integration: Ecclesiastes 12: 9 – 10

“Not only was the Teacher wise, but also he imparted knowledge to the people. He pondered and searched out and set in order many proverbs. The Teacher searched to find just the right words, and what he wrote was upright and true.”

We are to search out truth and share our knowledge with others.

Unit Description:

Data Base Unit – Students demonstrate an understanding of what a database is and its purpose, the mechanics of creating and changing a database, querying a database, building a form for data input, and reporting the contents of the database.

Email/Internet Research/PowerPoint Unit – Students demonstrate how to effectively research information using the Internet and how to create a slide show to report the information. Students also demonstrate how to open an Email message, access an attachment, modify it, and reply to the sender with the revised attachment.

Student Materials:

Microsoft Office Suite 2007 Professional software (Access, PowerPoint, Internet)
Microsoft Office 2007 Illustrated Series, Professional Ed., Thomson Course Technology. 2008

Teacher Materials:

Microsoft Office Suite 2007 Professional software (Access, PowerPoint, Internet)
Microsoft Office 2007 Illustrated Series, Professional Ed., Thomson Course Technology. 2008
Net OP Broadcast Software

HEIGHTS CHRISTIAN JUNIOR HIGH SCHOOL

COURSE OUTLINE

Teacher's Name: Gomez		Subject: Computer 2		# of Quarters: 1	
Text (if any): MS OFFICE 2007 Prof. Ed.			Other Materials: MS OFFICE SUITE Software;Net OP Broadcast Software		
Recurring Themes, Principles, Skills or Concepts:	1)	2)	3)	4)	5)
Unit Title & Expected Start Date	Theme		Biblical Application	Key Concepts	
1)Introduction of Class Content and Rules			Proverbs 20:11; Proverbs 18:15	Communicate the course content Understand the class rules, grading and discipline policy	
2)Data Base/Integration Project Unit			Luke 14:28-33; I Corinth. 14:33,40; Romans 12:11	Database vocabulary, creation of database, table, query and report. Complete an integration project that includes database info and spreadsheet charts in a word processing document.	
3)Email/Internet/Res./PowerPoint Unit			Gen. 1:4,10,12,18,21,25,31	Research specific information from several sites and report the information in PowerPoint slides; this includes presenting the slide show to the class. Access, modify and reply to an email attachment.	
4)					
5)					
6)					
7)					
8)					
9)					
10)					

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UNIT PLANNER

Teacher's Name: Gomez		Subject: Computer 2		Period(s): 7th	
Unit #: 1	Dates - Starting: _____		Ending: _____		Total Instructional Days: 1
Unit Title: Introduction of Class Content and Rules					
Theme:					
Biblical Application: Proverbs 20:11; Proverbs 18:5 A Child is known by his actions					
Key Concepts	Standards/Sub-Strands	Outcomes	Assessment	ESLRs	
1) Communicate the Class Content and Rules		Return Signed Computer Content and Class Rules handout	Receipt of completed handout from "Outcomes" column	2,4	
2)					
3)					
4)					
5)					
Key Activities and Methods					

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UNIT PLANNER

Teacher's Name: Gomez		Subject: Computer 2		Period(s): 7th		
Unit #: 2	Dates - Starting: _____ Ending: _____		Total Instructional Days: 7			
Unit Title: Data Base/Integration Project Unit						
Theme:						
Biblical Application: Gen. 1:4,10,12,18,21,25,31 God evaluated His creative words when they were finished.						
Key Concepts		Standards/Sub-Strands		Outcomes	Assessment	ESLRs
1)Database Vocabulary		1,		Student notes from lecture	Quick Start questions; quiz	2
2)Creation of a database and table		1, 8, 9		Create a database and table	Quick Start questions, Classwork, Quiz and competency test	2,3
Create a query		1, 8, 9		Create a query	Quick Start questions,Classwork, Quiz and competency test	2,3
Create a form and report		1, 8, 9		Create a form, add additional records using the form, and generate a report showing added table.	Quick Start questions,Classwork, Quiz and competency test	2,3
5))Integrate multiple software tools to generate an informative document		1,8,9		A document, containing database table data, spreadsheet line and pie charts, is printed	Complete minimum req. as stated in textbook	2,3,5
Key Activities and Methods						

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UNIT PLANNER

Teacher's Name: Gomez		Subject: Computer 2	Period(s): 7th	
Unit #: 3	Dates - Starting:	Ending:	Total Instructional Days: 14	
Unit Title: Email/Internet Research/PowerPoint				
Theme:				
Biblical Application: Eccl. 12:9-10				
Key Concepts	Standards/Sub-Strands	Outcomes	Assessment	ESLRs
1)Develop Internet research skills by navigating to specific sites extracting research data.	1, 3, 8, 9	Collection of project-related info based on minimum req.	Complete minimum requirements for classwork assignment	2,3,5,6
2)Identify objects and develop skills that demonstrate proficiency in creating a slide show presentation.	1, 6, 8, 9	Creation of a slide show using the data from research in item 1	Complete slide show	2,3
3)Develop navigational and presentation skills	1, 8	Practice navigational skills and presentation skills	Present slide show to classmates	2,3,4
4)Access an email account, open the attachment, locate and input information specified in the attachment and reply with a revised attachment to the sender	1, 5, 6	Send an email to the teacher with the revised attachment	Revised word attachment	2, 3, 4, 5
5)				
Key Activities and Methods				

HEIGHTS CHRISTIAN JUNIOR HIGH SCHOOL

Mission Statement

"Our mission is to educate students to know Christ personally, excel academically, think biblically, and positively impact their community for Christ."

Expected Schoolwide Learning Results (ESLRs)

1. Biblical World View

Graduates of HCJH are expected to be individuals who . . .

- a) know how to study the Bible.
- b) recognize that all people are created in the image of the one true God.
- c) acknowledge the Bible as the infallible Word of God.
- d) use God's Word to discern truth.

2. Effective Communicators

Graduates of HCJH are expected to be effective communicators who . . .

- a) listen objectively and critically.
- b) understand and follow directions.
- c) write and speak clearly and accurately.
- d) express and support opinions using objective evidence.
- e) utilize various modalities effectively.
- f) can demonstrate a personal relationship with Jesus Christ verbally and in writing.

3. Proficient Learners

Graduates of HCJH are expected to be proficient learners who . . .

- a) demonstrate grade appropriate skills in reading, writing, and mathematics.
- b) have effective work habits and study skills.
- c) are self-directed and able to produce cooperatively and independently.
- d) can utilize technology.
- e) have a firm grasp of scripture and are able to apply it to life situations.

4. Personal Responsibility

Graduates of HCJH are expected to be responsible individuals who . . .

- a) show patriotism through respect for flag, country, leaders and laws.
- b) demonstrate self-control based on biblical standards.
- c) exhibit respect for others.
- d) accept the consequences and benefits of their actions.
- e) are aware of career opportunities.
- f) practice goal setting with a biblical perspective.
- g) are involved in serving the community.
- h) have a personal relationship with Jesus Christ.
- i) have the tools to share their faith.
- j) demonstrate an urgency to share their faith.

5. Problem Solvers

Graduates of HCJH are expected to be perceptive thinkers and problem solvers who . . .

- a) evaluate current topics using a biblical perspective.
- b) use available technology to obtain, access and integrate relevant information.
- c) think analytically and creatively.
- d) are well-informed and open-minded.
- e) apply academic learning to life.

6. Well-Rounded

Graduates of HCJH are expected to be well-rounded individuals who . . .

- a) have been exposed to a variety of elective opportunities and experiences.
- b) are challenged beyond academics through a variety of extracurricular activities.
- c) lead lives that are balanced intellectually, spiritually, physically and emotionally.
- d) develop an appreciation for teamwork during school activities.
- e) understand God's involvement in every area of their lives.