

Using Technology and Online Tools To Re-Energize Accounting

Glenda Eichman
Janie Patterson

VIDEOS

Why Use Video in the Classroom?

“Teachers who use instructional video report that their students **retain** more information, **understand** concepts more rapidly and are more **enthusiastic** about what they are learning.”

With video, students:

- make new connections between curriculum topics
- discover links between these topics and the real world

Understanding Careers in Accounting

Video



Chris Ekimoff

Q & A

START HERE, GO PLACES. >>>

Start Here, Go Places. Virtual Field Trip

Chris Ekimoff
Investigations & Forensics Manager
Hilton Worldwide

Understanding Careers in Accounting



AICPATV

"Start Going Places-Explore the CPA Profession"

Trying to decide what career is right for you? Watch this short preview of the full-video road trip of a young student exploring the CPA profession in search of the ultimate career.

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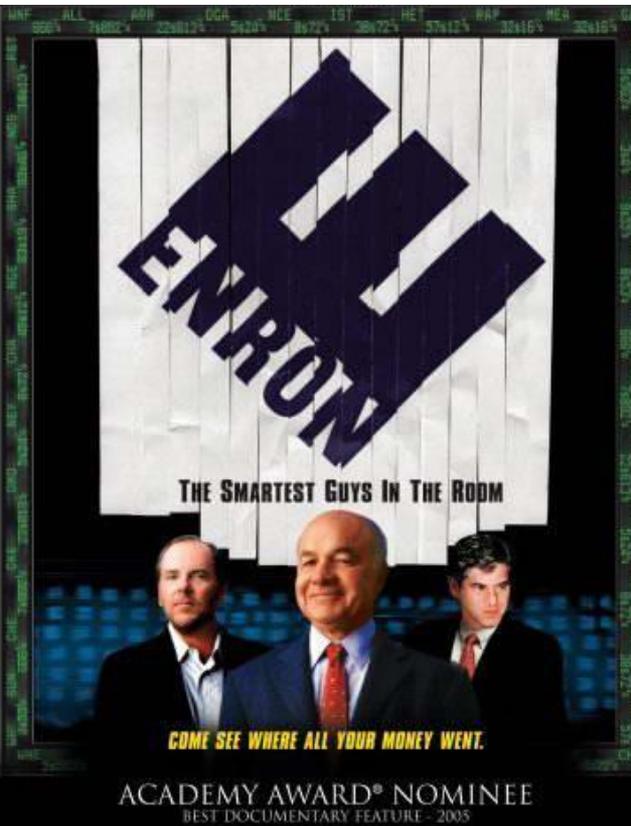


Videos to enhance learning



Colin Dodds - Debit Credit Theory (Accounting Rap Song)

Connect to Real-World Examples

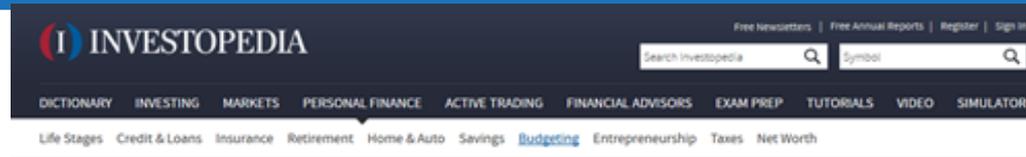


THE
PROFIT
MY MILLIONS. MY RULES.



Investopedia

Short animated videos as visual teaching tools.



The header of the Investopedia website features the logo on the left, navigation links for Dictionary, Investing, Markets, Personal Finance, Active Trading, Financial Advisors, Exam Prep, Tutorials, Video, and Simulator in the center, and utility links for Free Newsletters, Free Annual Reports, Register, and Sign In on the right. Below these are search bars for 'Search Investopedia' and 'Symbol'. A secondary navigation bar lists categories like Life Stages, Credit & Loans, Insurance, Retirement, Home & Auto, Savings, Budgeting, Entrepreneurship, Taxes, and Net Worth.



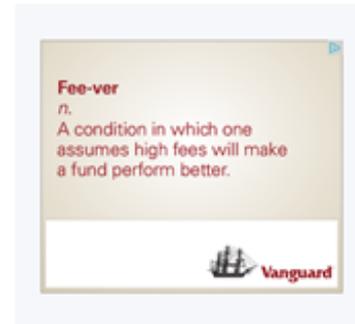
A Vanguard advertisement featuring a photo of Sam Gooch, a 'VANGUARDING' SINCE 2005 investor, with a 'BEATS PER MINUTE' ticker and an 'E-MAIL' button. A red button says 'Open a Vanguard IRA' and the Vanguard logo is at the bottom right.

An Introduction To The Balance Sheet



A green infographic titled 'BALANCE SHEET' divided into three columns: ASSETS (with 'CASH' and a car icon), LIABILITIES (with a play button icon), and EQUITY (with a briefcase icon). The Investopedia logo is in the bottom left corner.

The balance sheet is a basic accounting tool used by individuals, business owners and even large corporations to track net worth. Discover its main components and how they work together.



A 'Fee-verse' definition: 'n. A condition in which one assumes high fees will make a fund perform better.' It includes the Vanguard logo at the bottom right.

Marketplace

See why you should be trading binary options on a regulated exchange

Foundations in Personal Finance

← → ↻ <https://www.foundationsu.com/high-school>

FOUNDATIONS **U**

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Chapter Activities

Looking for the activities for each chapter?
Choose your chapter to get started.

Budget Builder

Learning to build a budget is as important as making money. Simply choose your chapter to take the next

SOFTWARE APPLICATIONS

Mastery of Microsoft Excel is a must-have skill for accountants, and a key to their professional growth.

To stay in accounting, you'll have to learn to love it (Excel)— or at least to use it properly.

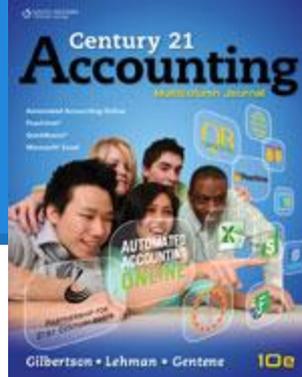
Excel

Expands a student's knowledge of the whole process by using data to design and build the reporting.

Strengthens students professional design skills (layout, formulas).

Helps students understand spreadsheet functionality and develop new ways of interpreting and using data.

Excel Textbook Activities



THINK LIKE AN ACCOUNTANT

Evaluating Employee Performance

Gerald Murphy is the sole accountant at Jenkins Vacations. The business rents and manages vacation rental property. Owners of homes at popular vacation destinations hire Jenkins Vacations to rent their properties. These “members” receive 60% of all rental fees.

In addition to managing the accounting system, Gerald is responsible for ensuring that the company meets its income goals. A major factor in achieving that goal is the quality of the service provided to customers.

The company employs 24 sales agents in its call center. Agents work with customers to arrange rentals from its inventory of properties. After each call is completed, the customer is asked to complete a survey to rate the quality of the service received. Customers rate the consultants on a scale of 1 (poor) to 5 (excellent).

Each week, the computer system provides Gerald with the ratings for each consultant. Gerald examines these ratings to identify consultants who are not meeting the company’s quality standards. Gerald works with the consultants who are underperforming to improve the quality of their service.

OPEN THE SPREADSHEET TLA_CH12

Follow the steps on the Instructions tab. The worksheets on the Analysis and Week 15 Data tabs contain the ratings for two weeks. Using the worksheets, identify sales agents who meet the following criteria:

1. For week 14, identify the agents whose:
 - a. weekly change is in the top quarter of all agents.
 - b. average score is in the bottom quarter of all agents.
2. Answer the same questions for week 15.
3. What recommendations would you make regarding those consultants who consistently have poor performance?

Problem Number:

Think Like an Accountant, Chapter 12

Student's Name:

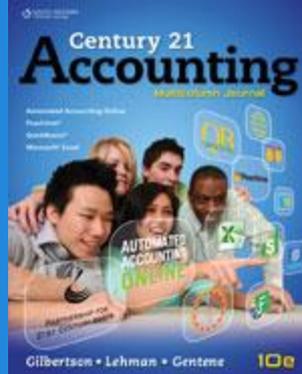
(Your Name)

WEEK 14

Staff Number	Staff Name	Friendly	Knowledgeable	Accurate	Efficient	Average Score	Prior Week Average Score	Weekly Change
0092	Phillip Moser	4.51	4.63	2.21	4.20	3.89	3.86	0.03
0105	Allison Nicholson	4.63	4.29	3.95	3.31	4.05	3.85	0.20
0157	Daniel Reynolds	3.82	3.62	2.53	2.00	2.99	2.85	0.14
0184	Nelson Nail	1.49	4.85	3.78	4.62	3.69	3.61	0.08
0252	Patti Woodward	2.66	4.04	4.65	4.55	3.98	3.81	0.17
0277	LaDonna Mansell	1.61	2.08	1.94	1.71	1.84	1.76	0.08
0334	Martha Jackson	4.82	4.16	2.19	2.78	3.49	3.43	0.06
0372	Sally Edwards	4.40	2.81	2.51	2.09	2.95	2.92	0.03
0421	Benjamin Parrish	1.40	4.56	4.10	3.09	3.29	3.32	(0.03)
0443	Paul Tillman	3.66	3.88	2.41	2.34	3.07	3.08	(0.01)
0505	Sandra Daniels	4.49	2.49	2.08	3.03	3.02	2.98	0.04
0518	John Rackley	4.06	4.03	3.96	3.90	3.99	3.95	0.04
0538	Emily Herring	2.19	2.09	2.32	2.44	2.26	2.26	0.00
0571	Jennifer Blette	4.58	4.61	4.58	4.36	4.53	4.35	0.18
0598	Raphael Corea	1.06	3.26	4.19	3.49	3.00	3.03	(0.03)
0612	Peter Scholz	3.74	2.70	1.99	3.29	2.93	2.85	0.08
0620	Edwardo Donovan	4.80	3.56	4.60	4.20	4.29	4.28	0.01
0705	Stephen Peterson	2.93	4.89	2.04	3.45	3.33	3.25	0.08
0709	Dexter Schmidt	2.14	3.26	3.61	4.34	3.34	3.22	0.12
0741	Dana Jones	4.67	1.35	3.48	3.28	3.20	3.22	(0.02)
0750	Anna Sanders	4.41	4.72	2.39	3.97	3.87	3.90	(0.03)
0763	Marcus Roberts	3.43	2.77	3.68	3.64	3.38	3.31	0.07
0861	Roberta Norman	4.48	1.22	3.87	1.45	2.76	2.79	(0.03)
0897	Adam Washington	4.05	3.91	3.48	3.52	3.74	3.71	0.03

Answers

1. a.
1. b.
2. a.
2. b.
- 3.



Occupational Fraud: Detecting Shell Companies

Ruth Holder was patiently waiting her turn at a stop light. Watching the traffic cross in front of her, she saw something that surprised her. Alice Scott, an accounts payable clerk at her company, zoomed by in an expensive sports car. "How can someone earning \$35,000 a year afford a \$100,000 sports car?" she thought.

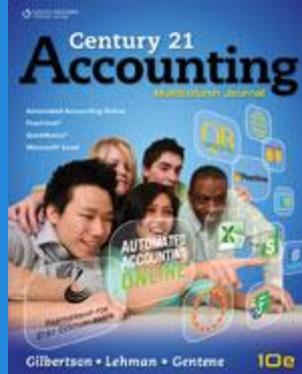
When Ruth returned to the office, she went straight to the office of Jack Torres, internal auditor. As she explained what she saw, Ruth was relieved that Jack understood her concern. "Anyone who is part of the purchasing function has, under certain circumstances, the ability to have checks processed to a shell company," he said. Sensing that Ruth did not understand, Jack continued. "A shell company is a fictitious company created by an employee. The employee submits invoices for the payment of goods or services that were not ordered or received. Alice may have found a weakness in our controls. Or, she may be working with someone else in purchasing to avoid our controls."

Soon after Ruth left his office, Jack entered your office and shut the door. Handing you a folder containing some papers and instructions, he began, "I have reason to suspect that checks may be getting processed to one or more shell companies. There are many tests that can detect a shell company," he said. "Let's begin with the most basic test. The folder includes a list of employees who are involved with our purchasing function. Search our accounts payable data to determine if any of our vendors' names contain the last name of one of these employees. Having checks written to a shell company containing an employee's name makes it easier for that employee to cash the checks."

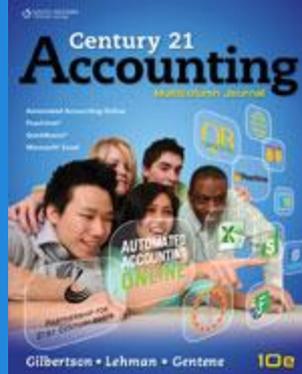
Jack continued. "If an employee is involved in a shell company, chances are that the purchases will be for a service-related expense, not for such things as inventory or equipment. Other employees would discover those things were missing. Due to the sensitive nature of this investigation, report your findings directly to me. Do not make contact with any personnel in purchasing until we complete this initial phase of our investigation. After you get the results of this test, let's discuss our next step. Let me know if you have any questions."

INSTRUCTIONS

Open the spreadsheet FA_CH12. Use the data in the workbook to identify any evidence of a shell company.



Check Number	Vendor Number	Payment Date	Vendor Name	Vendor Address	Account Number	Account Title	Check Amount
5248	1095	5/1	Holman & Smith	234 Central Road	6920	Legal Services	\$ 7,585.89
5249	987	5/2	Chamberlain Supply, Inc.	123 Gulfside Rd.	5100	Purchases	\$12,852.63
5250	993	5/2	Childers Company	3880 Spivey Street	6520	Office Rental	\$23,868.68
5251	1021	5/3	Correa Publications, Inc.	5780 12th St.	6310	Advertising	\$ 352.68
5252	1059	5/3	Farris Office Supply	1682 Justin St.	1420	Office Supplies	\$33,852.42
5253	1137	5/3	Kenney Manufacturing, Inc.	5696 Bunker Hill Lane	5100	Purchases	\$ 1,198.46
5254	1233	5/3	Puckett Services	2130 National Bank Plaza	6610	Travel	\$24,046.02
5255	1251	5/3	Sargent Office Supply	518 Locksley Way Rd.	1420	Office Supplies	\$29,918.00
5256	927	5/4	Baker Advertising	3897 Wolf Rd.	6310	Advertising	\$ 5,190.81
5257	993	5/4	Childers Company	3880 Spivey Street	6520	Office Rental	\$ 9,683.50
5258	1227	5/4	Parra Supply Company	994 Oak Rd.	1440	Warehouse Supplies	\$22,717.29
5259	1251	5/4	Sargent Office Supply	518 Locksley Way Rd.	1420	Office Supplies	\$ 8,698.90
5260	1263	5/4	Taylor Supply Company	134 Steens Street	1440	Warehouse Supplies	\$ 5,818.21
5261	987	5/5	Chamberlain Supply, Inc.	123 Gulfside Rd.	5100	Purchases	\$ 6,463.82
5262	1077	5/5	Hastings Marketing	1449 North Patterson Street	6320	Market Research	\$24,965.36
5263	1083	5/5	Henderson Office Supply	4543 Plum Rd.	1430	Store Supplies	\$10,646.52
5264	1105	5/5	Hyde Computer Supply	3749 West Washington St.	1620	Computer Equipment	\$ 1,327.36
5265	1173	5/5	Lugo Supply Company	1599 153rd Street	1410	Computer Supplies	\$ 46.64
5266	913	5/6	Ahmed Information Services	388 South Lane	6720	Internet Development	\$15,842.59
5267	1023	5/6	Costello Advertising	310 Richardson Street	6360	Promotion and Events	\$25,031.60
5268	1089	5/6	Hinds County	1597 Sonia Street	6960	Property Taxes	\$21,304.74
5269	1155	5/6	Lange Corp.	3816 Cypress Street	1610	Automobiles	\$ 100.58
5270	1165	5/6	Lindsay Information Services	234 Rackley Way	1410	Computer Systems	\$ 3,858.73
5271	933	5/7	Batavia Office Supply	River Plaza Suite B	1420	Office Supplies	\$13,623.36
5272	1041	5/7	Davis Corporation	2034 E. Patterson Place	6330	Gifts and Entertainment	\$20,018.15
5273	1069	5/7	Goff Transportation, Inc.	4237 Industrial St.	5200	Shipping	\$21,855.74
5274	1293	5/7	Winters Transportation, Inc.	2573 River Street	5200	Shipping	\$22,718.39
5275	1299	5/7	Womack Company	Post Office Box 435	5100	Purchases	\$12,834.22
5276	913	5/8	Ahmed Information Services	388 South Lane	6720	Internet Development	\$11,059.64
5277	1053	5/8	Dodd Supply Company	582 Central Avenue	6330	Gifts and Entertainment	\$32,340.85
5278	1105	5/8	Hyde Computer Supply	3749 West Washington St.	1620	Computer Equipment	\$13,185.55
5279	1141	5/8	Kessler & Pearson	2434 National Bank Plaza	6910	Accounting Services	\$18,612.92
5280	1287	5/8	Wills Corporation	3996 West Point Road	6430	Equipment Rental	\$34,615.70
5281	1033	5/9	Cumberland Manufacturing, Inc.	2891 Wolf Rd.	5100	Purchases	\$32,381.74
5282	981	5/10	Camp Pension Consulting	4492 Gunshoot St.	6610	Employee Benefits	\$15,536.74
5283	1251	5/10	Sargent Office Supply	518 Locksley Way Rd.	1420	Office Supplies	\$ 1,427.36
5284	1275	5/10	Tuttle Consulting	5454 Washington Street	6320	Market Research	\$ 7,186.16
5285	1287	5/10	Wills Corporation	3996 West Point Road	6430	Equipment Rental	\$14,520.74
5286	1137	5/11	Kenney Manufacturing, Inc.	5696 Bunker Hill Lane	5100	Purchases	\$17,955.32
5287	921	5/12	Bacon Communication, Inc.	353 Donner Street	6710	Internet Fees	\$ 9,436.07
5288	1225	5/12	O'Dell Personnel Company	253 West Industrial Rd.	6620	Recruiting Fees	\$ 7,661.08
5289	1275	5/12	Tuttle Consulting	5454 Washington Street	6320	Market Research	\$ 6,352.28
5290	1285	5/12	Ventura Creek Communication	3251 University Rd.	6510	Telephone	\$ 1,700.00



GAMES

Research proves that games do offer significant and effective learning opportunities for learners of all ages.

Businesses and universities are increasingly turning to interactive simulations and virtual worlds as training tools to educate employees.

GAMES

"Academic research and on-the-job experience have demonstrated that when students learn by experience, their **understanding** and **retention** are higher."

Source: Gartner Research

Go Venture

SCREENSHOTS



Start Here, Go Places - AICPA

Bank On It™ is a fun, new interactive game designed to put the accounting principles your students are learning in the classroom to the test. It features over 1,000 questions that will challenge your students on accounting fundamentals, give them a taste of real working-world scenarios, reinforce what you're teaching them in the classroom and perhaps even teach them something new.

BANK ON IT
BROUGHT TO YOU BY THE AICPA

Game Level: Staff Accountant
Sector: Business & Industry
Playing To: \$200,000

Weekend Fund: \$3,154

Gameboard Legend | Logout | Resign Game | GAME HQ

glendae KS: \$132,871 vs HAL 9000 The Cloud: \$115,332

It's your turn. Roll the dice.

ROLL

OTHER ONLINE RESOURCES

- Khan Academy <https://www.khanacademy.org/>
- Look up your favorite brands www.annualreports.com

SEC.gov EDGAR database

Students find 10-K filings to read and study actual corporate consolidated financial statements, identify notes or disclosures, and discuss findings. This makes the class come alive with real-world examples and makes the connections to relevance of what we are studying.

“Technology is just a tool. In terms of getting the kids working together and motivating them, the teacher is the most important.”

Bill Gates