NEW MILFORD PUBLIC SCHOOLS

New Milford, Connecticut



Accounting II

May 2021

New Milford Board of Education

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New Milford's Mission Statement

The mission of the New Milford Public Schools, a collaborative partnership of students, educators, family and community, is to prepare each and every student to compete and excel in an ever-changing world, embrace challenges with vigor, respect and appreciate the worth of every human being, and contribute to society by providing effective instruction and dynamic curriculum, offering a wide range of valuable experiences, and inspiring students to pursue their dreams and aspirations.

Accounting II

Grades 11 & 12

Accounting II is an advanced accounting course that expands upon the basic accounting principles of Accounting I and focuses on how businesses use accounting information to make decisions. Topics include an introduction to accounting, accounting for service and merchandising businesses, business controls and ethical decision making, accounting for corporations. Financial reporting, analysis and interpretation are emphasized throughout the course. Hands-on experience with spreadsheet and accounting software are integrated throughout the course. This course covers some of the learning objectives of a traditional college level financial accounting course as well as those from a managerial accounting course, both of which are required coursework for a business major in most colleges and universities.

A prerequisite of Accounting I is recommended but not required.

Pacing Guide

Unit 1 Introduction to Accounting and Business	2-3 weeks / 5-7 block classes
Unit 2 Analyzing Transactions and Completing the Accounting Cycle	9-10 weeks / 21-25 block classes
Unit 3 Accounting for Merchandise Businesses and Inventories	3-4 weeks / 7-10 block classes
Unit 4 Cash and Internal Control, Sarbanes Oxley	2-3 weeks / 5-7 block classes
Unit 5 Accounting for Corporations: Organization, Stock Transactions, and Dividends	4-6 weeks / 10 - 12 block classes
Unit 6 Receivables	2-3 weeks / 5-7 block classes
Unit 7 Long Term Assets - Property, Plant and Equipment	2-3 weeks / 5-7 block classes
Unit 8 Current Liabilities and Payroll	2-3 weeks / 5-7 block classes

Unit 1 Introduction to Accounting and Business

Stage 1 Desired Results		
ESTABLISHED GOALS	Transfer	
CT Business & Finance Technology Frameworks Content Standard 1 - Accounting Profession Accounting professionals must be able to understand, interpret and use accounting information to make financial decisions.	Describe the nature of business and the role of account Recognize the need for accounting principles and how t Identify issues stemming from accounting practices in c Recognize how accounting information is used in the bu	ting & ethics in business they are developed
Describe the areas of specialization within the accounting profession and careers that require knowledge of accounting.	Mean UNDERSTANDINGS Students will understand that	ing ESSENTIAL QUESTIONS Students will keep considering
Explain the need for a code of ethics in accounting and ethical responsibilities required of accountants	 Accounting is the language of business Accountants fulfill a valuable role in society There are varied career opportunities for students who major in accounting 	 What do accountants do? What types of careers are available in accounting? Why is accounting important? How can accounting practices influence societal
Explain how accounting information is used to allocate resources in the business and personal decision-making process. Content Standard 2 - Accounting Principles Strand 1 Identify and describe generally accepted accounting principles	 Accountants must adhere to high ethical standards Major business decisions are made based on confidence in the validity of accounting information Business transactions and financial reports are prepared by applying Generally Accepted Accounting Principles (GAAP) Accountants must be critical thinkers who are comfortable addressing the shades of gray required by accounting judgements 	 issues? What is a CPA? What are financial statements? Why should you believe what is presented on the financial statements of a business? Who makes the rules for accounting?

the application of these principles impacts the recording of financial transactions and the preparation of	Acquisi	ition
financial statements.	Students will know	Students will be skilled at
Content Standard 4 - Financial Reports Describe the users and uses of financial information Describe the information provided in each financial statement and how the statements relate	 The accounting profession is highly regarded within the business community The major-policy setting bodies in the accounting profession and their role The attributes of management accounting and financial accounting The requirements to become a CPA in CT The different types of business stakeholders The types and forms of business The advantages and disadvantages of each form of business The characteristics of each element of the accounting equation The steps needed in the analyzation of business transactions The content and structure of a basic Income Statement, Statement of Owner's Equity, and Balance Sheet for a sole proprietorship The purpose and content of a Statement of Cash Flows Basic uses of information presented on financial statements of a sole proprietorship How to identify current events that impact the accounting profession 	 Identifying the types and forms of business Describing the role of ethics in accounting and business in general Solving the accounting equation Defining each element of the accounting equation Expressing business transactions in terms of changes to accounting in the accounting equation Categorizing accounts as assets, liabilities, or owner's equity accounts Building an Income Statement, Statement of Owner's Equity, and Balance Sheet for a business organized as a sole proprietorship Describing the contents of the primary financial statements of a sole proprietorship and how these statements interrelate Researching current events reported by credible resources to identify issues related to accounting.

		Stage 2 – Evidence
Code	Evaluative Criteria	Assessment Evidence
		PERFORMANCE TASK(S):
		Students will show that they really understand evidence of
M,T	Teacher created rubric evaluating content accuracy,	
	organization, and overall professionalism	Goal/challenge: Students will work in groups to examine an ethical business dilemma and propose a solution to it.
	Schoolwide rubric for oral presentations	
		Role for student: Manager/decision maker in a business
	Appropriate strategy used in the ethical decision making process	Audience for student work: Corporate executives
	References made to the role of ethics in accounting and business	Situation - Students will be given a scenario that contains a controversial issue or a problem to be solved in a business. Scenarios will include issues such as employee behaviors, questionable sales practices, potential environmental impact or health issues of products sold, information disclosure, and general corporate social responsibilities.
		Products and performances generated by students: Each group will create and present a slide show that examines the ethical issues involved in their scenario, discusses possible solutions, identifies the pros and cons of each, and recommends a course of action.
		Standards/criteria for judging success: Ethical issues must be clearly explained and several realistic possible solutions are identified, logically evaluated, and examine the potential effects on stakeholders for each. Proposed solution is reasonably defended.

		OTHER EVIDENCE:
		Students will show they have achieved Stage 1 goals by
T,A	Observation of student notes and discussions during	Participating in class discussion and small group assignments
	teacher led notes	Small projects and assignments
M,A	Observation of student participation in small group	Article or video responses
	assignments	Test and quiz results
T,M,A	Class discussion	
А	Summative assessments	

Stage 3 – Learning Plan		
Code	Pre-Assessment An open-ended questionnaire will be given to identify prior knowledge specific to this unit. Informal group conversations and spontaneous Q & A activities to address misconceptions related to unit content	
	Summary of Key Learning Events and Instruction Student success at transfer meaning and acquisition depends on	Progress Monitoring
	 Teacher presents slides summarizing unit materials Teacher facilitates class discussions about the accounting profession, ethical issues and common business activities Students conduct research to identify and profile the 'Big 4' accounting firms Students research the requirements to become a CPA in CT Students identify cases of accounting scandals, share with the class and lead class discussion Students complete online working papers to practice unit content and receive graded feedback Teacher organizes groups for cooperative learning activities and 	 Monitoring of class work through board work, group work, questioning, and circulation Monitor engagement with online activities Monitor outcomes of graded online activities Do Now prompts Whole class discussions Responses to current events Individual conversations and probing questions during work in progress Review work and provide feedback Use of visuals or manipulatives

guided practice of workbook exercises	Exit ticketsDifferentiation through purposeful grouping

Stage 1 Desired Results		
ESTABLISHED GOALS	Transfer	
CT Business & Finance Technology Frameworks Content Standard 2 - Accounting Principles Strand 1 - Describe and explain the	Students will be able to independently use their learning Explain the value of a uniform accounting system for all Articulate the purpose and intent of Generally Accepted	businesses
conceptual framework of accounting principles and assumptions. Distinguish between the accrual basis of accounting and the cash basis of accounting and discuss the impact each has on the financial statements.	Apply the double-entry system of accounting to analyze Describe the objectives of each step in the accounting c Develop an understanding and working knowledge of fire	and record complex business transactions
Strand 2 - Record transactions for	Meaning	
accounts payable and other short-term debt Strand 3 - Record and analyze equity related transactions Content Standard 3 - Complete the steps of the accounting cycle in order to prepare financial statements Content Standard 5 - Financial Analysis Assess the financial condition and operating results of a company and analyze and interpret financial statements and information to make informed business decisions	 UNDERSTANDINGS Students will understand that Businesses are responsible for knowing and adhering to Generally Accepted Accounting Principles for reporting financial information Major business decisions are made based on the validity and integrity of accounting information All businesses use the double-entry accounting system Accrual accounting requires the matching of revenues and expenses according to Generally Accepted Accounting Principles All information reflected in financial statements is 	 ESSENTIAL QUESTIONS Students will keep considering What type of accounting system is best for most businesses? Why does a debit sometimes result in an increase to an account while other times it results in a decrease? What is the difference between an account and a ledger? Do all businesses follow the steps in the accounting cycle? Why are adjusting entries needed at the end of an accounting period?
Content Standard 4 - Financial Reports Identify sources of information to prepare complex financial reports	 recorded and summarized in accounts and ledgers Each step in the accounting cycle plays an important role in maintaining accurate records and managing a business's finances 	 What does it mean to 'close the books'? What methods are used to determine the financial health of a business? What is the most important output of the accounting

Content Standard 5 - Financial Analysis
Calculate component percentages

NBEA: Interpretation and Use of Data Achievement Standard: Use planning and control principles to evaluate the performance of an organization and apply differential analysis and present-value concepts to make decisions.

- Businesses determine the beginning and end of their fiscal year based on their natural business cycle
- Spreadsheet software is a useful tool in the accounting process and analysis of financial information

cycle?

Acquisition

Students will know...

- The meaning and application of double entry accounting
- The difference between accrual basis and cash basis of accounting
- The rules to follow and unique account titles needed when building a chart of accounts for a variety of business types
- The procedures to journalize business transactions
- Methods for maintaining general ledgers and creating a trial balance
- The relationship between journals, ledgers and financial statements
- The purpose of each step in the accounting cycle
- Methods used to determine when an adjusting entry is needed
- The purpose of adjusting entries
- The difference between accruals and deferrals
- The effects of adjustments on financial statements
- How errors or omission of adjusting entries affect financial statements
- The report content and formulas needed to build an end of cycle worksheet using electronic spreadsheet software
- The application of horizontal and vertical analysis in evaluating a business's performance and financial condition

Students will be skilled at...

- Analyzing business transactions and separating them into their debit and credit parts
- Identifying the normal balance of accounts
- Creating a chart of accounts to accommodate the specific needs of a business
- Categorizing accounts and explaining how they are reported on financial statements
- Explaining the need for adjusting and closing entries
- Recording adjustments and closing entries
- Completing all the steps in the accounting cycle
- Preparing an end of cycle worksheet using spreadsheet software
- Preparing the financial statements of a sole proprietorship service business
- Completing the closing process
- Identifying when and where adjustments are needed and properly recording them
- Classifying adjustments as accruals or deferrals
- Explaining the effect of errors or omissions in the adjustment process on financial statements
- Analyzing financial statements using horizontal and vertical analysis methods

	Stage	e 2 – Evidence
Code	Evaluative Criteria	Assessment Evidence
М,Т	Correct application of GAAP principles	PERFORMANCE TASK(S): Students will show that they really understand evidence of
	Accurate calculations Financial statements presented in correct format	GRASPS Goal/challenge: Convert a business operating on a cash basis to an accrual based accounting system
	Sound rationale used and appropriately explained	Role for student: Newly hired accountant
	Written summary is thorough, well organized, and grammatically correct	Audience for student work: Business owner Situation - You were recently hired by the owner of a startup business. The
	Teacher created rubric evaluating content accuracy and organization	business owner explained to you that his brother-in-law has been maintaining the books and records as best he can but has little accounting background. The brother-in-law has produced a set of financial statements that the owner does not feel reflects the true financial condition of his business. The brother-in-law admits that he vaguely remembers learning about something called accrual accounting when he was in high school and suggests they hire someone who knows what that is and who can do a better job.
		Products and performances generated by student: A corrected set of general journals, ledgers, financial statement, and a summary of the rationale used and actions that were necessary to create them
		Standards/criteria for judging success: This activity requires a high level of analytical thinking. Students will be expected to recognize transactions that require corrections or adjustments as well as identify and apply the Generally Accepted Accounting Principles related to each of the activities.

		OTHER EVIDENCE: Students will show they have achieved Stage 1 goals by
T,A	Observation of student notes and discussions during teacher led notes	Completed practice exercises and problems Class discussion and student participation.
M,A	Observation of student participation in small group assignments	 Class discussion and student participation Small projects and assignments Article or video responses
M,A	Class discussion	Test and quiz results
А	Summative assessments	

	Stage 3 – Learning Plan	
Code	Pre-Assessment	
	An open-ended questionnaire will be given to identify prior knowledge spec	
	Check for prerequisite knowledge via informal group conversations, question	ns of the day, review of formative and summative assessments
	from previous units with related content.	1
	Summary of Key Learning Events and Instruction	Progress Monitoring
	Student success at transfer meaning and acquisition depends on	
-	Total and the second se	Monitoring of class work through board work, group work,
T	Teacher will model application of new concepts and calculations Teacher will model application of new concepts and calculations	questioning, and circulation
T,M	Teacher will present a slideshow to deliver fundamental concepts of Teacher will present a slideshow to deliver fundamental concepts of	Monitor engagement with online activities
۸	new material to facilitate student note-taking	Monitor outcomes of graded online activities De New prompts
A T,A	 Students complete worksheet exercises and problems Students complete online working papers to practice unit content and 	Do Now promptsWhole class discussions
1,A	receive graded feedback	Responses to current events
T,A	 Teacher organizes groups for cooperative learning activities and guided 	 Individual conversations and probing questions during wor
1,/1	practice of workbook exercises	in progress
M,A	Teacher will provide modified worksheets to accommodate	Review work and provide feedback
141,7 (differentiation needs	Use of visuals or manipulatives
M,A	Leveled assignments offered for students who need remediation or	• Exit tickets
,	more challenge	Differentiation through purposeful grouping
Α	Teacher presents current events related to the topic	
Α	Students will explore examples of realistic business events and identify	
	the related Generally Accepted Accounting Principle	
M,A	Students will predict the type of daily financial activities that a specific	
	type of business would encounter and create a chart of accounts for	
	them	
M,A	 Students work in small groups to analyze case studies 	
M,A	Students access online textual materials and tutorials for remediation	
T,M, A	Students create electronic spreadsheets and write formulas to perform	
	calculations	

	Stage 1 Desired Results	
ESTABLISHED GOALS	Transfer	
CT Business & Finance Technology Frameworks Content Standard 2 - Accounting Principles	Students will be able to independently use their learning Distinguish between the activities of service businesses Recognize the differences in financial statements of a m	and merchandising businesses erchandising business from those of a service business
Strand 1 Identify and describe generally accepted accounting principles currently (GAAP/IFRS) and explain how the application of these principles impacts the recording of financial	Explain the importance of control over inventory for a merchandising business and the methods that can be used to do so Compare the impact of different inventory cost flow assumptions on financial statements	
transactions and the preparation of		eaning
financial statements. Determine the cost of inventory for businesses and apply appropriate valuation methods. Identify and describe the cost flow assumptions for inventory and explain the impact on the balance sheet and income statement. Explain the difference between the periodic and perpetual inventory methods	 UNDERSTANDINGS Students will understand that Accurate accounting records and effective inventory control systems are essential for the success of a merchandising business The Cost of Merchandise Sold is generally the largest expense for a merchandising business and as such requires effective internal controls A perpetual inventory system will track merchandise as it is bought and sold Most businesses use one of three inventory cost flow assumptions to report inventory on their financial statements 	 ESSENTIAL QUESTIONS Students will keep considering How do businesses know how much they should sell their products for? How do businesses determine the cost of items they sell when they buy them at different prices? How can businesses determine if products are stolen from their store? How do businesses know when they need to order more of the products they sell?
	Acquisition	
	 Students will know The gross profit calculation The dual nature of merchandise transactions The application of Generally Accepted Accounting Principles related to merchandise 	 Students will be skilled at Analyzing and recording the sale of merchandise and the cost of merchandise sold Analyzing and recording the purchase of merchandise

inventory The proper accounting for freight, sales tax, and trade discounts on merchandise transactions The process to adjust for inventory shrinkage and customer returns & allowances The calculations needed to determine the cost of inventory under each of the LIFO, FIFO, and weighted average costing methods The methods and process to report merchandise inventory in financial statements	 Describing inventory cost flow assumptions and how they impact financial statements Determining the cost of inventory under each of the three costing methods Comparing the use of the three inventory costing methods Creating the financial statements of a merchandising business
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	Stage	2 – Evidence
Code	Evaluative Criteria	Assessment Evidence
M,A	Accurate presentation of the facts of the case Correct application of GAAP principles Reliable resources cited Teacher created rubric evaluating content accuracy, organization, and overall professionalism Schoolwide rubric for oral presentations References made to the role of ethics in accounting and business	PERFORMANCE TASK(S): Students will show that they really understand evidence of Goal/challenge: Conduct strategic research to identify real life cases of inventory fraud and relate them to violations of accounting principles Role for student: College professor Audience for student work: Students in the class Situation: You are preparing your materials about the importance of inventory control to present to your class. You need to find real life examples where lack of adequate controls led to inventory fraud. Explain how the fraud was executed and the consequences for the individuals and businesses involved. Products and performances generated by student: Slides and presentation of the material Standards/criteria for judging success: Identification of the accounting principles and control procedures that were violated
T,A M,A M,A	Observation of student notes and discussions during teacher led notes Observation of student participation in small group assignments Class discussion	OTHER EVIDENCE: Students will show they have achieved Stage 1 goals by Completed practice exercises and problems Class discussion and student participation Small projects and assignments Article or video responses Test and quiz results
Α	Summative assessments	

Stage 3 – Learning Plan	
Pre-Assessment An open-ended questionnaire will be given to identify prior knowledge specific to this unit. Check for prerequisite knowledge via informal group conversations, questions of the day, review of formative and summative assessn from previous units with related content.	
Summary of Key Learning Events and Instruction	Progress Monitoring
 Teacher will model application of new concepts and calculations Teacher will present a slideshow to deliver fundamental concepts of new material to facilitate student note-taking Students will complete worksheet exercises and problems related to inventory costing and impact on financial statements Students will complete online working paper exercises receive immediate feedback Teacher will provide modified worksheets to accommodate differentiation needs Leveled assignments offered for students who need remediation or more challenge Teacher presents current events related to the topic Students will explore examples of realistic business events and identify the related Generally Accepted Accounting Principle Students work in small groups to analyze case studies and solve problems Students access online textual materials and tutorials for remediation Teacher provides websites for interactive learning activities and games 	 Monitoring of class work through board work, group work, questioning, and circulation Monitor engagement with online activities Monitor outcomes of graded online activities Do Now prompts Whole class discussions Responses to current events Individual conversations and probing questions during work in progress Review work and provide feedback Exit tickets Differentiation through purposeful grouping
	An open-ended questionnaire will be given to identify prior knowledge spec Check for prerequisite knowledge via informal group conversations, question from previous units with related content. Summary of Key Learning Events and Instruction Teacher will model application of new concepts and calculations Teacher will present a slideshow to deliver fundamental concepts of new material to facilitate student note-taking Students will complete worksheet exercises and problems related to inventory costing and impact on financial statements Students will complete online working paper exercises receive immediate feedback Teacher will provide modified worksheets to accommodate differentiation needs Leveled assignments offered for students who need remediation or more challenge Teacher presents current events related to the topic Students will explore examples of realistic business events and identify the related Generally Accepted Accounting Principle Students work in small groups to analyze case studies and solve problems Students access online textual materials and tutorials for remediation

	Stage 1 Desired Results	
ESTABLISHED GOALS CT Business & Finance Technology	Tr	ransfer
Frameworks	Students will be able to independently use their learning	1 to
Content Standard 1 - Accounting Profession	Describe the general content and purpose of the Sarbanes Oxley Act and its impact on corporate accountability and the accounting profession	
Explain how accounting information is used to allocate resources in the	Illustrate the objectives and elements of internal co	
business and personal decision-making	Apply internal control procedures to protect the case Consider implications of unethical accounting pract	
process.	M	eaning
Describe how current events impact the accounting profession.	UNDERSTANDINGS Students will understand that	ESSENTIAL QUESTIONS Students will keep considering
Explain the need for a code of ethics in accounting and ethical responsibilities required of accountants. Content Standard 2 - Accounting Principles Describe methods for controlling and safeguarding cash.	 Internal controls are an essential element of accounting systems The Sarbanes Oxley Act was established to ensure public confidence in financial reporting Management is responsible for establishing and maintaining adequate internal control over assets and financial reporting Account reconciliations are necessary elements of effective control procedures 	 How can businesses protect their cash? Why do employees get away with embezzlement? What is the Sarbanes Oxley Act? Who makes sure that companies follow the rules? What are the consequences if companies do not follow the rules? Are there any warning signs of possible fraud or embezzlement?
	Acq	quisition
	 Students will know Sarbanes Oxley requires companies to maintain strong internal controls and effective monitoring and reporting of them The objectives and elements of internal controls The nature of bank accounts and the role of related account reconciliations in controlling cash Cash equivalents are highly liquid temporary investments of cash 	 Students will be skilled at Describing factors that influence internal controls Identifying gaps in internal control procedures Illustrating the application of internal controls Reconciling cash accounts and addressing outstanding issues Accounting for special purpose cash funds Describing and illustrating the reporting of cash and cash equivalents in financial statements

	Stage 2 – Evidence		
Code	Evaluative Criteria	Assessment Evidence	
Code M,A			
		day was less than you expected. Products and performances generated by students: A written action plan to explore ways that cash is exposed to potential loss or theft and identify control procedures that can be put in place to avoid them. Standards/criteria for judging success: Realistic opportunities for theft are	
		identified, detection methods and control procedures are identified and evaluated.	

		OTHER EVIDENCE: Students will show they have achieved Stage 1 goals by
T,A	Completion of assignments and graded work	Completed practice exercises and problems
M,A	Observation of student participation during group work	Small projects and assignments
M,A	Observed participation in class discussion	Article or video responses
А	Summative assessments	Test and quiz results

	Stage 3 – Learning Plan	
Code	Pre-Assessment An open-ended questionnaire will be given to identify prior knowledge specific to this unit. Check for prerequisite knowledge via informal group conversations, questions of the day, review of formative and summative assefrom previous units with related content.	
	Summary of Key Learning Events and Instruction	Progress Monitoring
T A M,A M,A M,A A M, A	 Teacher presents slide deck and facilitates note taking Students complete problems using unit summaries, workbook pages and spreadsheet files of unit material Teacher presents real life cases for discussion of violations to Sarbanes Oxley Students work in small groups to examine case studies. Students research instances of embezzlement Students complete online working papers to practice unit content and receive graded feedback Teacher organizes groups for cooperative learning activities and guided practice of workbook exercises Teacher assigns partners for guided practice of accounting exercises and problems. Teacher provides think/pair/share critical thinking activities. Teacher provides websites for interactive learning activities and games. 	 Monitoring of class work through board work, group work, questioning, and circulation Monitor engagement with online activities Monitor outcomes of graded online activities Do Now prompts Whole class discussions Responses to current events Individual conversations and probing questions during work in progress Review work and provide feedback Exit tickets Differentiation through purposeful grouping

ESTABLISHED GOALS

CT Business & Finance Technology Frameworks

Content Standard 2 - Accounting Principles

Describe the methods and criteria used to account for investments and their impact on financial statements

Record and analyze equity related transactions

Explain how operating results, capital contributions, and distribution of earnings affect equity for the various types of ownership structures.

Differentiate between stock splits and stock dividends.

Explain how the acquisition and sale of a company's own stock affects the financial statements.

Content Standard 5 - Financial Analysis Research industry averages and explains their use in assessing the financial condition, operating results, profitability, liquidity and capital structure.

Discuss the information that can be

Transfer

Students will be able to independently use their learning to...

- Describe the nature of the corporate form of organization including advantages and disadvantages of this form
- Explain the nature and characteristics of equity in a corporation and compare corporate equity to that of other forms of business
- Describe and illustrate the accounting for activities that result in changes to stockholders' equity

Meaning

UNDERSTANDINGS

Students will understand that...

- Most large businesses are organized as corporations
- All corporations are not large
- A corporation is a separate legal entity distinct from the individuals who create and operate it.
- There are two main sources of equity reported on the balance sheet of a corporation
- Stock and dividend transactions change the equity of a corporation

ESSENTIAL QUESTIONS

Students will keep considering...

- What does it mean to be a shareholder in a company?
- Why do companies issue stock?
- What is a private corporation?
- How do shareholders profit from owning company stock?
- Why don't all companies issue dividends?
- What is the difference between preferred stock and common stock?

Acquisition

Students will know...

- The characteristics of a corporation and how it is formed
- The advantages and disadvantages of the corporate form of business
- Why corporations issue stock and how to account for issuance of stock transactions
- The effect of dividends, stock splits, and treasury stock transactions on stockholders' equity and financial statements
- The reasons why corporations might reacquire its own stock
- The structure and content of the stockholders'

Students will be skilled at...

- Describing the main sources of stockholders equity
- Analyzing and recording equity transactions that involve the issuance of stock, declaration and issuance of dividends
- Analyzing and recording transactions that involve the purchase and sale of treasury stock
- Determining the accounts involved in equity transactions, calculating the amount of change needed in each account and recording the changes
- Describing and illustrating the reporting of stockholders equity on a balance sheet
- Creating a statement of retained earnings

obtained from analyzing financial equity section of a corporate balance sheet		Calculating earnings per share
statements.	 The purpose and nature of retained earnings 	Interpreting stock ratios
Calculate and interpret financial ratios • Basic stock market information and interpretation		

	Stage 2 – Evidence		
Code	Evaluative Criteria	Assessment Evidence	
M,A	Accurate representation of the data and sound rationale used to evaluate Reliable resources cited Teacher created rubric evaluating content accuracy, organization, and overall professionalism	Assessment Evidence PERFORMANCE TASK(S): Students will show that they really understand evidence of Goal/challenge: Analyze corporate financial statements and conduct ratio analysis to identify potentially profitable investment opportunities Role: Financial Advisor Audience: Clients Situation: Your 55 year old client has saved \$100,000 and would like to	
	Schoolwide rubric for oral presentations	invest it all in corporate stock that will generate income for him in his retirement. You need to identify several companies that have a good dividend yield history and the potential for long term growth. Products or performances generated by students: A slide show and presentation that reflects evidence of research to identify company stocks that may suit the client's needs and a proposal showing current and historical data for the companies chosen. Standards/criteria for judging success: A slide show documenting the recommendations that includes EPS, P/E ratios, dividend history and other relevant information used to evaluate the company stocks recommended.	

		OTHER EVIDENCE: Students will show they have achieved Stage 1 goals by
T,A M,A M,A A	 Review of student notes Observation of student participation in small group assignments Class discussion Summative assessments 	 Completed practice exercises and problems Class discussion and student participation Small projects and assignments Article or video responses Test and quiz results

Code	Pre-Assessment An open-ended questionnaire will be given to identify prior knowledge specific to this unit. Check for prerequisite knowledge via informal group conversations, questions of the day, review of formative and summative assessments from previous units with related content.	
	Summary of Key Learning Events and Instruction	Progress Monitoring
T T,M M,A	 Teacher will model application of new concepts and calculations Teacher present slides summaries and note taking guide of unit materials Teacher provides websites and classroom materials with current stock market information and investment advice such as the Wall Street 	 Monitoring of class work through board work, group work, questioning, and circulation Monitor engagement with online activities Monitor outcomes of graded online activities Do Now prompts
M,A M,A T T,M A M,A	 Students participate in an online stock market game such as HowtheMarketWorks.com Students work in small groups to research and interpret relevant information about different companies Teacher presents current events related to topic Teacher assigns partners for cooperative learning activities Students complete workbook exercises for guided practice Students complete online working papers to practice unit content and 	 Whole class discussions Responses to current events Individual conversations and probing questions during work in progress Review work and provide feedback Exit tickets Differentiation through purposeful grouping
А	 receive graded feedback Teacher organizes groups for cooperative learning activities and guided practice of workbook exercises 	
T,M,A	Students build spreadsheets to track stock market information	

Stage 1 Desired Results			
ESTABLISHED GOALS	Tr	ansfer	
CT Business & Finance Technology Frameworks Content Standard 2 - Accounting Principles Strand 1 Identify and describe generally accepted accounting principles currently (GAAP/IFRS) and explain how the application of these principles	Students will be able to independently use their learning to Recognize business activities that result in the creation of receivables Describe the common classes of receivables and their presentation on a balance sheet Demonstrate knowledge of the generally accepted accounting procedures related to accounting for receivables Apply logic and analytical skills to interpret information and solve problems		
impacts the recording of financial transactions and the preparation of			
financial statements.		eaning	
Identify the value of accounts receivable to be reported on the balance sheet. Explain the accounting methods used to determine the value of accounts receivable to be reported on the balance sheet	 UNDERSTANDINGS Students will understand that The term receivables includes all financial claims against other entities including people, companies, and other organizations The most common receivable transaction results from the sale of services or merchandise on credit Short term credit arrangements do not generally involve interest Most business to business transactions are made on credit Receivables are usually a significant portion of total current assets in a business It is unrealistic to expect that all money owed to a business will actually be collected Businesses need to make provisions to deal with uncollectible receivables There are several acceptable methods of estimating and accounting for uncollectible receivables 	 ESSENTIAL QUESTIONS Students will keep considering What exactly is a receivable? Do all receivables carry interest? Do businesses always receive money owed to them by their customers? Why might a receivable become uncollectible? How can a business minimize losses due to uncollectible receivables? Why is it necessary to record estimated uncollectible receivables? How can a business estimate the value of receivables that customers will not pay? 	

 ,	
 Adjustments for uncollectible receivables are a necessary step in the production of accurate financial statements 	
Acq	quisition
Students will know	Students will be skilled at
 The characteristics of Accounts Receivable and Notes Receivable The accounting methods used to determine the value of accounts receivable to be reported on the balance sheet The different methods of accounting for uncollectible receivables The difference between the direct write-off and allowance methods for uncollectibles The classification of accounts affected in the accounting for uncollectible receivables The effect of each method of accounting for uncollectibles on financial statements How receivables are reported on the balance sheet The calculations for and interpretation of ratios related to receivables 	 Describing the common classes of receivables Comparing and contrasting the different methods of estimating uncollectible receivables Explaining the accounting methods used to determine the value of accounts receivable to be reported on the balance sheet Calculating the estimated amount of doubtful accounts using the percent of sales and the analysis of receivables methods Recording transactions affecting accounts receivable including uncollectible accounts, write-offs and recoveries Accounting for notes receivable Computing receivable ratios for analysis

	Stage 2	2 – Evidence
Code	Evaluative Criteria	Assessment Evidence
		PERFORMANCE TASK(S):
		Students will show that they really understand evidence of
M,A		
	Correct application of analysis of receivables method	Goal/challenge: Using data calculated from an analysis of receivables method,
	estimating uncollectible accounts	students will estimate the timing and likelihood of amounts to be collected from customers and compare this against the option of selling the receivables at a
	Teacher created rubric evaluating content accuracy,	discount then determine the best course of action for a business.
	organization, and overall professionalism	alsocatic their acternatic the sest coarse of action for a susmess.
		Role for student: Corporate controller
		Audience for student work: CFO
		Situation: You are in charge of accounting and finance for a company that is going through difficult times and is strapped for cash. The total accounts
		receivable reflected on the company balance sheet are substantial, if all
		customers make their payments to your company within the next 30 days as
		they are supposed to, your company's troubles would be over. But past
		experience tells you that this is not likely to happen. You are considering an
		offer from a factoring company who will immediately pay your company 70% of
		the total you are owed from customers.
		Donalista and marketing and a substitute of the state of
		Products and performances generated by student: A written recommendation that shows the details of the accounts receivable aging and amounts of
		uncollectible accounts receivable using the analysis of receivables method
		compared against the offer from the factoring company.
		, J
		Standards/criteria for judging success: Correct calculations for the analysis and
		sound rationale for the decision recommended.

		OTHER EVIDENCE: Students will show they have achieved Stage 1 goals by
T,A M,A M,A A	 Review of student notes Observation of student participation in small group assignments Class discussion Summative assessments 	 Completed practice exercises and problems Class discussion and student participation Small projects and assignments Article or video responses Test and quiz results

	Stage 3 – Learning Plan		
Code	Pre-Assessment An open-ended questionnaire will be given to identify prior knowledge specific to this unit. Check for prerequisite knowledge via informal group conversations, questions of the day, review of formative and sumi from previous units with related content.		
	Summary of Key Learning Events and Instruction	Progress Monitoring	
T T,M M,A M,A	 Teacher will model application of new concepts and calculations Teacher present slides summaries and note taking guide of unit materials Students will complete worksheet exercises and problems related to the different methods of accounting for uncollectible receivables, receivable valuations and their impact on financial statements Students will complete online working paper exercises receive immediate feedback 	 Monitoring of class work through board work, group work, questioning, and circulation Monitor engagement with online activities Monitor outcomes of graded online activities Do Now prompts Whole class discussions Responses to current events Individual conversations and probing questions during 	
M,A T,M A	 Students research GAAP related to uncollectible receivables Teacher presents current events related to topic Teacher assigns partners for cooperative learning activities 	work in progress Review work and provide feedback Exit tickets Differentiation through purposeful grouping	

Stage 1 Desired Results			
ESTABLISHED GOALS	Transfer		
CT Business & Finance Technology Frameworks Content Standard 2 - Accounting Principles.	Students will be able to independently use their learning to Recognize business activities that result in the creation of fixed assets and intangible assets Describe nature of long term assets and their presentation on a balance sheet		
Identify the costs of property, plant, and equipment. Determine the costs of property, plant	Demonstrate knowledge of the generally accepted accounting principles related to accounting for fixed and intangible assets Apply logic and analytical skills to interpret information and solve problems		
and equipment, natural resources, and	Meaning Meaning		
intangible assets and record associated transactions.	UNDERSTANDINGS Students will understand that	ESSENTIAL QUESTIONS Students will keep considering	
Identify, calculate and record depreciation and depletion. Content Standard 5 - Financial Reports Describe how disclosure requirements impact financial reporting. Content Standard 5 - Financial Analysis Assess the financial condition and operating results of a company and analyze and interpret financial statements and information to make informed business decisions.	 Fixed assets are long lived relatively permanent assets that are used in the normal operation of a business Fixed assets exist physically and are therefore considered tangible assets Fixed assets are often a significant portion of the total assets of a corporation Fixed assets other than land have a limited useful life and therefore lose value over time Depreciation can be caused by physical or functional factors Intangible assets are long term assets such as patents, copyrights, trademarks, and goodwill The value of an intangible asset is determined by the cost of acquiring it The market value of fixed assets are generally not reflected on the balance sheet 	 What is depreciation? Do all assets depreciate? Why are there several methods to determine the value of an asset? If an asset is intangible how can its value be determined? What are examples of intangible assets? 	

Acquisition	
Students will know	Students will be skilled at
 The nature of fixed and intangible assets All fixed assets except land have a finite useful life and should be depreciated over time Land does not depreciate How to classify the costs related to fixed and intangible assets Each method of accounting for fixed assets will have a different affect financial statements The advantages and disadvantages related to the different methods of depreciation The impact on financial statements when assets are sold, disposed of, or rendered obsolete The difference between net book value and market value of assets The calculation and interpretation of financial ratios related to long term assets such as the fixed asset turnover ratio and fixed assets percent of total assets 	 Accounting for fixed and intangible assets according to generally accepted accounting principles Computing depreciation under the most commonly used methods Calculating and recording the depletion of natural resources Accounting for the disposal and sale of fixed assets Describing how depreciation and amortization expense is reported on an income statement Determining the costs of property, plant and equipment, natural resources, and intangible assets Preparing a balance sheet that includes long term assets Illustrating long term assets and depreciation on financial statements Computing a fixed asset turnover ratio and fixed asset percent of total assets

	Stage 2 – Evidence		
Code	Evaluative Criteria	Assessment Evidence	
		PERFORMANCE TASK(S): Students will show that they really understand evidence of	
M,A	Correct calculations of depreciation using the straight line, units of production, and double declining balance methods of depreciation Teacher created rubric evaluating content accuracy,	Goal/challenge: Evaluate the effects of the three different types of depreciation on financial statements and determine the best method for a specific set of circumstances.	
	organization, and overall professionalism	Role for student: Associate in a CPA firm	
		Audience for student work: Client, business owner	
		Situation: You have been hired by a business owner who is considering the purchase of various items of equipment for his manufacturing business. In the past all equipment has been leased. Your firm has determined that the owner has reliable net income before depreciation projections for the next five years and you are asked to recommend which depreciation method for this business.	
		Products and performances generated by students: A spreadsheet showing depreciation of the new equipment under the three different methods over the next five years, the net income resulting from each, and a written recommendation justifying the selection.	
		Standards/criteria for judging success: Students should select the method that provides the net income figure that best represents the results of operation. The exceptional response will also consider which method will minimize taxes.	

		OTHER EVIDENCE: Students will show they have achieved Stage 1 goals by
T,A M,A M,A A	 Review of student notes Observation of student participation in small group assignments Class discussion Summative assessments 	 Completed practice exercises and problems Class discussion and student participation Small projects and assignments Article or video responses Test and quiz results

Stage 3 – Learning Plan		
Code	Pre-Assessment An open-ended questionnaire will be given to identify prior knowledge specific to this unit. Check for prerequisite knowledge via informal group conversations, questions of the day, review of formative and summative assess from previous units with related content.	
T T,A A T,M,A A T,M,A	Summary of Key Learning Events and Instruction Student success at transfer meaning and acquisition depends on Teacher provides slide show summaries and note taking guide for unit content Teacher presents current events related to the topic Students engage in strategic groupings for problem solving activities Teacher provides think/pair/share critical thinking activities Students complete workpaper exercises and problems Teacher provides feedback on completed work Students engage in online interactive learning activities Students build Excel or Google spreadsheets and write formulas in them to perform depreciation calculations	 Monitoring of class work through board work, group work, questioning, and circulation Monitor engagement with online activities Monitor outcomes of graded online activities Do Now prompts Whole class discussions Responses to current events Individual conversations and probing questions during work in progress Review work and provide feedback Exit tickets Differentiation through purposeful grouping

Stage 1 Desired Results			
ESTABLISHED GOALS	Transfer		
CT Business & Finance Technology Frameworks Content Standard 6 - Special Applications Apply appropriate accounting principles to payroll.	payable Apply appropriate accounting practices to payroll	llustrate current liabilities related to accounts payable, current portion of long-term debt, and notes	
Prepare and maintain payroll records			
Calculate and managed as well as a wall		eaning	
Calculate and record payroll accruals Content Standard 2 - Accounting Principles Record and analyze accruals for liabilities that are probable and can reasonably be estimated.	 UNDERSTANDINGS Students will understand that Current liabilities include obligations that are due to be paid within one year For most companies accounts payable is the largest current liability Analysis of current liabilities will measure a company's ability to pay its creditors Payroll is significant business expense Employees are subject to taxes withheld from their paychecks Employers are subject to additional taxes related to employees payroll Payroll is subject to state and federal regulations 	 ESSENTIAL QUESTIONS Students will keep considering What is the difference between accounts payable and notes payable? What conclusions can be drawn by analyzing the liabilities of a business? What are some liabilities classified as current term or long term? Why are deductions from employees earnings considered liabilities for the employer? What happens if payroll reporting is inaccurate? Why do some businesses allow employees to work 'off the books'? 	

	Acquisition	
Students will know The nature and description of common current liabilities The types of mandatory and voluntary employee payroll deductions The accounting of payroll expenses and liabilities and their effects on financial statements		Students will be skilled at Identifying current liabilities related to accounts payable, current portion of long-term debt, and notes payable Calculating and accounting for interest and discounted notes payable Determining employer liabilities for payroll including
	 The types of payroll related taxes paid by employers The payroll reporting requirements of employers The most common types or employee fringe benefits and how to account for them When a contingent liability should be recorded or simply disclosed on financial statements 	 liabilities arising from emp;oyee earnings and deduction from earnings Calculating and recording transactions related to employee payroll Calculating and recording employer payroll taxes Computing employee net pay Preparing a payroll registers and employee earnings records Analyzing current liability for employee fringe benefits such as vacation pay and pensions Illustrating current liabilities on a balance sheet Identifying and analyzing contingent liabilities

	Stage 2 – Evidence				
Code	Evaluative Criteria	Assessment Evidence			
Code M,A					
		construction company. The offer is made by the owner who suggests that since the job is temporary it would be easier to pay you with cash instead of going through the trouble of putting you on the payroll. She also says this will benefit you because cash is not reported to the IRS therefore it's tax free. Products and performances generated by students: A spreadsheet showing the earnings, deductions, and additional costs to the employer for the term of the summer employment and a letter responding to the job offer that summarizes the risks to both employer and employee. Standards/criteria for judging success: Spreadsheet includes all costs and calculations are correct. Letter of response accurately states the facts and gives relevant examples.			

		OTHER EVIDENCE: Students will show they have achieved Stage 1 goals by
T,A M,A M,A A	 Review of student notes Observation of student participation in small group assignments Class discussion Summative assessments 	 Completed practice exercises and problems Class discussion and student participation Small projects and assignments Article or video responses Test and quiz results

	Stage 3 – Learning Plan				
Code	Pre-Assessment An open-ended questionnaire will be given to identify prior knowledge specific to this unit. Check for prerequisite knowledge via informal group conversations, questions of the day, review of formative and summative assertion previous units with related content.				
T,A T M,A M,A A A M,A M,A	 Summary of Key Learning Events and Instruction Teacher provides slide show summaries and note taking guide for unit content Teacher models application of new concepts and calculations Students use Excel or Google Sheet to build payroll registers and write formulas to perform necessary calculations Students research CT labor laws, state income tax withholding requirements, state unemployment tax requirements and other employer/employee payroll withholdings Students engage in strategic groupings for problem solving activities Teacher provides think/pair/share critical thinking activities Students complete workpaper exercises and problems Teacher provides feedback on completed work Students engage in online interactive learning activities 	 Progress Monitoring Monitoring of class work through board work, group work, questioning, and circulation Monitor engagement with online activities Monitor outcomes of graded online activities Do Now prompts Whole class discussions Responses to current events Individual conversations and probing questions during work in progress Review work and provide feedback Exit tickets Differentiation through purposeful grouping 			