A Correlation: Michigan Academic Standards and Junior Achievement Capstone Programs

Updated October 2018 Proposed 2018 Michigan Social Studies Standards

Junior Achievement USA® One Education Way Colorado Springs, CO 80906 www.ja.org

Overview

The following correlation features the knowledge and skills that students are introduced to in JA Capstone Programs and how they correspond to the proposed 2018 Michigan Social Studies Standards. The correlation is not meant to be exhaustive, nor is it intended to infer that any one resource will completely address any given standard. It is designed to show how *JA BizTown*® and *JA Finance Park*® will enhance or complement efforts to meet educational standards.

JA BizTown encompasses important elements of work readiness, entrepreneurship, and financial literacy, providing students with a solid foundation of business, economics, and free enterprise education. Through daily lessons, hands-on activities, and active participation in a simulated community designed to support differentiated learning styles, students develop a strong understanding of the relationship between what they learn in school and successful participation in an economy. *JA BizTown* helps prepare students for a lifetime of learning and academic achievement.

The program content augments students' core curriculum in social studies, English language arts, and mathematics. Throughout the program, students use critical-thinking skills to learn about key concepts as they explore and enhance their understanding of free enterprise.

JA Finance Park lessons address fundamental business and economic concepts, explore career interests and opportunities, and develop work-readiness skills. The lessons also provide a highly relevant learning opportunity to "model with mathematics," in which students apply mathematics to solve problems arising in everyday life. After weeks of classroom preparation, students experience a simulation (either on site or virtually) where they put their newly found knowledge and skills to use.

The *JA Finance Park* program provides two curriculum implementation options. Lessons are offered in a traditional classroom presentation format designed for middle-grade students and in a Project-Based Learning (PBL) format created for high school students. Both provide educators a method of delivery that will best meet the needs of their students.

Option 1) A traditional teacher-taught, in-class lesson format that encompasses financial planning and career exploration with accompanying PowerPoint slides.

Option 2) A Project-Based Learning (PBL) format that encompasses the financial planning and career exploration topics but in a nontraditional approach.

Unit Description	Key Learning Objectives	Social Studies Content Expectations	English Language Arts	Math
Unit 1: You must have money to spend money. Students need to understand this fundamental concept of earning and spending if they are to grasp the importance of sound personal finance. This unit introduces students to bank services and practices that will help them to be successful in JA BizTown and in life.	Objectives: The students will: Extrapolate services offered by financial institutions Complete a bank account application Demonstrate an ability to endorse a paycheck Complete a deposit ticket Maintain a check register correctly Describe the consequences of insufficient funds Write and sign checks State the benefit of an interest-earning savings account Explain how money in a savings account grows Explore the differences between checks, debit cards, and credit cards Explain how money changes hands when a debit card is used Demonstrate use of a check register to record a debit purchase	E1 Market Economy Use fundamental principles and concepts of economics to understand economic activity in a market economy 4 – E1 .0 .3 Describe how positive and negative incentives influence behavior in a market economy. 4 – E1 .0 .4 Explain how price affects decisions about purchasing goods and services (substitute goods). 4 – E1 .0 .7 Describe the exchange of goods and services and the role of money.	Grade 4 RI.4.3 RI.4.4 RI.4.5 RI.4.7 SL.4.1 SL.4.3 L.4.4 Grade 5 RI.5.4 RI.5.5 RI.5.7 SL.5.1 L.5.1 L.5.3 L.5.4 Grade 6 RI.6.7 SL.6.1 SL.6.2 L.6.1 L.6.3 L.6.4	Grade 4 4.NBT.3 4.NBT.4 Grade 5 5.NBT.5 5.NBT.7 Grade 6 6.NS.3 Mathematic al Practices 4-6 1-7

Unit Description	Key Learning Objectives	Social Studies Content Expectations	ELA	Math
Unit 2: Students explore their role as citizens of a community. They are introduced to the concept of the circular flow of money and goods in an economy. They define basic economic concepts and discuss the impact of taxes and philanthropy.	Objectives: The students will: Define various vocabulary terms Explain how good citizens have a sense of responsibility to others and to their community Identify goods, services, and resources (human, natural, and capital) Demonstrate the circular flow of an economy Discover the function of businesses in producing goods and services Define scarcity and learn more about free enterprise Identify the three basic economic questions (what, how, and for whom to produce) Understand why people pay taxes Define gross pay and net pay Calculate tax by multiplying with decimals Differentiate between public goods and services and private goods and services Give examples of philanthropy	E1 Market Economy Use fundamental principles and concepts of economics to understand economic activity in a market economy. 4 – E1 .0 .1 Identify a good or service made in the United States and answer the three economic questions all economies must address. 4 – E1 .0 .2 Describe characteristics of a market economy. 4 – E1 .0 .3 Describe how positive and negative incentives influence behavior in a market economy. 4 – E1 .0 .4 Explain how price affects decisions about purchasing goods and services (substitute goods). 4 – E1 .0 .5 Explain how specialization and division of labor increase productivity. 4 – E1 .0 .6 Explain how competition among buyers results in higher prices and competition among sellers results in lower prices. 4 – E1 .0 .7 Describe the exchange of goods and services and the role of money. 4 – E1 .0 .8 List goods and services governments provide in a market economy and explain how these goods and services are funded.	Grade 4 RI.4.7 W.4.8 SL.4.1 SL.4.2 SL.4.3 L.4.1 L.4.4 L.4.6 Grade 5 RI.5.7 W.5.8 SL.5.1 SL.5.2 SL.5.3 L.5.1 L.5.4 L.5.6 Grade 6 R.6.7 SL.6.1 SL.6.2 L.6.1 L.6.4 L.6.6	Mathematical Practices 1 2 4

Unit Description	Key Learning Objectives	Social Studies Content Expectations	ELA	Math
Unit 3: Citizens learn how their interests and skills can lead to exciting careers. They have an opportunity to assess their own skills and interests and to see what kinds of jobs are available at <i>JA BizTown</i> . They have an opportunity to fill out a job application and experience the job interview process.	Objectives: The students will: Recognize their interests and skills Explain the relevance of interests and skills in career exploration and planning Distinguish the differences among the four primary career types: people, ideas, data, and things Categorize STEM careers into different types Demonstrate appropriate workplace behaviors Define resume, job interview, and applicant Complete a job application Model appropriate business greetings Demonstrate proper interview skills	P3.1 Identifying and Analyzing Public Issues Clearly state a problem as a public policy issue, analyze various perspectives, and generate and evaluate possible alternative resolutions. 4 – P3 .1 .1 Identify public issues in the United States that influence the daily lives of its citizens. 4 – P3 .1 .2 Use graphic data and other sources to analyze information about a public issue in the United States and evaluate alternative resolutions P3.3 Persuasive Communication About a Public Issue Communicate a reasoned position on a public issue. 4 – P3 .3 .1 Compose a brief essay expressing a position on a public policy issue [in the United States] and justify the position with a reasoned argument. ELO	Grade 4 RI.4.4 SL.4.1 L.4.1 L.4.2 L.4.4 L.4.6 Grade 5 RI.5.4 SL.5.1 L.5.1 L.5.2 L.5.4 L.5.6 Grade 6 SL.6.1 L.6.2 L.6.4 L.6.6	Grade 4 4.MD.4 Grade 5 5.MD.2 Mathematical Practices 2 4-6

Unit Description	Key Learning Objectives	Social Studies Content Expectations	ELA	Math
Unit 4: Citizens prepare for their visit to JA BizTown by working in business teams to learn about key factors in operating a business, such as teamwork, operation costs, pricing, and advertising.	Objectives: The students will: Describe costs associated with operating a business Calculate business expenses Use teamwork to create a paragraph that describes a business Define selling price, revenue, and inventory Describe factors that affect selling price Explain the relationship between revenue, costs, and profit Define advertising Describe characteristics of effective advertising Acknowledge how effective teamwork and cooperation enhance business teams Appreciate how careful completion of details ensures a more successful JA BizTown visit	P4.2 Citizen Involvement Act constructively to further the public good. 4 – P4 .2 .1 Develop and implement an action plan and know how, when, and where to address or inform others about a state or national issue. 4 – P4 .2 .2 Participate in projects to help or inform others	Grade 4 W.4.1 W.4.2 W.4.4 SL.4.1 L.4.3 L.4.4 L.4.6 Grade 5 W.5.1 W.5.2 W.5.4 SL.5.1 L.5.3 L.5.4 L.5.6 Grade 6 W.6.1 W.6.4 SL.6.1 L.6.3 L.6.4 L.6.6	Grade 4 4.NBT.5 Grade 5 5.NBT.5 Grade 6 6.NS.2 6.NS.3 Mathematical Practices 4-6 1-7

Unit Descriptions	Key Learning Objective	Social Studies Content Expectations	ELA	Math
Unit 5: Citizens participate in the JA BizTown simulation and then return to class for a debriefing lesson to ensure they have a well-rounded learning experience. The debrief lesson allows citizens to reflect on their JA BizTown experience and further identify the relevance of classroom learning to their future plans and goals.	Objectives: The students will: Function in their job capacity at JA BizTown Manage their personal finances and time Carry out responsibilities of citizenship, such as voting and obeying laws Evaluate team performance at JA BizTown Explain the circular flow of economic activity Describe how citizens use financial institutions Describe how citizens work within a quality business	E1 Market Economy Use fundamental principles and concepts of economics to understand economic activity in a market economy. 4 – E1 .0 .1 Identify a good or service made in the United States and answer the three economic questions all economies must address. 4 – E1 .0 .2 Describe characteristics of a market economy. 4 – E1 .0 .3 Describe how positive and negative incentives influence behavior in a market economy. 4 – E1 .0 .4 Explain how price affects decisions about purchasing goods and services (substitute goods). 4 – E1 .0 .5 Explain how specialization and division of labor increase productivity. 4 – E1 .0 .6 Explain how competition among buyers results in higher prices and competition among sellers results in lower prices. 4 – E1 .0 .7 Describe the exchange of goods and services and the role of money. 4 – E1 .0 .8 List goods and services governments provide in a market economy and explain how these goods and services are funded. P4.2 Citizen Involvement Act constructively to further the public good. 4 – P4 .2 .1 Develop and implement an action plan and know how, when, and where to address or inform others about a state or national issue. 4 – P4 .2 .2 Participate in projects to help or inform others.	Grade 4 W.4.1 SL.4.1 SL.4.4 L.4.1 L.4.6 Grade 5 W.5.1 SL.5.1 SL.5.4 L.5.1 L.5.6 Grade 6 W.6.1 SL.6.1 SL.6.4 L.6.1 L.6.4	Grade 5 5.NBT.5 Mathematical Practices 4-6 1-7

JA Finance Park

Unit Description and Objectives	Social Studies Content Expectations	English Language Arts	Math
Unit 1: Income Students recognize the fundamental role that income plays in their personal finances and the factors that affect income and take-home pay. They discover how their decisions about education and careers impact their potential income and quality of life. Objectives: The students will: Rate their interests, abilities, and values. Determine work preferences and match them to career choices Define taxes and explain their purpose and impact on income Figure net monthly income	Describe the market economy in terms of the relevance of limited resources, how individuals and institutions make and evaluate decisions, the role of incentives, how buyers and sellers interact to create markets, how markets allocate resources, and the economic role of government in a market economy E4 PERSONAL FINANCE 4.1 Decision Making Describe and demonstrate how the economic forces of scarcity and opportunity costs impact individual and household choices. 4 .1 .1 Earning Income — Conduct research regarding potential income and employee benefit packages, non-income factors that may influence career choice, benefits and costs of obtaining the necessary education or technical skills, taxes a person is likely to pay, and other possible sources of income.	Grade 6 SL.6.1 L.6.1 L.6.3 L.6.4 Grade 7 SL.7.1 L.7.1 L.7.3 L.7.4 Grade 8 SL.8.1 L.8.1 L.8.3 L.8.4 Grades 9-10 SL.9-10.1 L.9-10.4	Grade 6 RP.6.3b NS.6.2 NS.6.3 NS.6.5 SP.6.1 SP.6.2 Grade 7 RP.7 R2.b NS.7.2 NS.7.3 EE.7.1 EE.7.2
Unit 2: Saving, Investing and Risk Management Students explore and compare saving and investing options as part of their overall financial planning. They also examine risk and how insurance may help protect savings from both planned and unplanned events. Objectives: The students will: Identify the benefits of saving a portion of income for future use Explain short- and long-term saving options Explain some of the advantages and disadvantages of various saving and investing options Assess personal risk and risk management	E4 PERSONAL FINANCE 4.1 Decision Making Describe and demonstrate how the economic forces of scarcity and opportunity costs impact individual and household choices. 4 .1 .3 Saving – Identify the incentives people have to set aside income for future consumption, and evaluate the impact of time, interest rates, and inflation upon the value of savings. 4 .1 .5 Financial Investing – Analyze the risks, expected rate of return, tax benefits, impact of inflation, role of government agencies, and importance of diversification when investing in financial assets. 4.1.6 Protecting and Insuring – Assess the financial risk of lost income, assets, health, or identity, and determine if a person should accept the risk exposure, reduce risk, or transfer the risk to others by paying a fee now to avoid the possibility of a larger loss later.	Grade 6 RI.6.2 SL.6.1 L.6.1 L.6.3 L.6.4 Grade 7 RI.7.2 SL.7.1 L.7.1 L.7.3 L.7.4 Grade 8 SL.8.1 L.8.1 L.8.3 L.8.4 Grades 9-10 SL.9-10.1 L.9-10.1	Grade 6 RP.6.3b NS.6.2 NS.6.2 NS.6.3 NS.6.5 SP.6.1 SP.6.2 Grade 7 RP.7 R2.b NS.7.2 NS.7.3 EE.7.1 EE.7.2 SP.7.5

JA Finance Park

Unit Description and Objectives	Social Studies Content Expectations	ELA	Math
Unit 3: Debit and Credit Students compare financial institutions and their services. Through discussion and a game activity, they weigh the advantages and disadvantages of debit and credit. Students also examine the role that credit scores and credit reporting have on personal finances. Objectives: The students will: Define financial institutions and identify the services they provide Examine debit and credit cards and their use Explain the benefits and common pitfalls of credit cards Explain the benefits of debit cards Define credit score and describe how it influences the ability to get credit and borrow money	forces of scarcity and opportunity costs impact individual and household choices.	Grade 6 SL.6.1 SL.6.2 Grades 9-10 L.9-10.1 L.9-10.4 Grades 11-12 SL.11-12.1 L.11-12.1 L.11-12.4	Grade 6 RP.6.3b NS.6.2 NS.6.3 NS.6.5 Grade 7 RP.7.R2.b NS.7.3 SP.7.5 Grade 8 G.8 SP.8.2
Unit 4: Budget+ Students recognize the importance of spending wisely to achieve financial success and the value of creating and maintaining a budget. Objectives: The students will: Categorize spending by needs and wants Compare teen and adult spending patterns Determine which categories belong in a budget Relate the need to save money to meet goals Prepare a budget using goals and income	E1.1 Individual, Business, and Government Choices Describe how individuals, businesses, and government make economic decisions when confronting scarcity in the market economy. 6 – E1 .1 .1 Explain how incentives in different economic systems can change the decision-making process. E4 PERSONAL FINANCE 4.1 Decision Making Describe and demonstrate how the economic forces of scarcity and opportunity costs impact individual and household choices. 4.1 .2 Buying Goods and Services — Describe the factors that consumers may consider when purchasing a good or service, including the costs, benefits, and the role of government in obtaining the information.	Grade 6 RI.6.1 SL.6.1 L.6.1 L.6.3 L.6.4 Grade 7 RI.7.1 SL.7.1 L.7.3 L.7.4 Grade 8 RI.8.1 SL.8.1 L.8.1 L.8.3 L.8.4 Grades 9-10 SL.9-10.1 L.9-10.1 L.9-10.4	Grade 6 NS.6.2 NS.6.3 NS.6.5 Grade 7 NS.7.2 NS.7.3 EE.7.1 EE.7.2

JA Finance Park

Unit Description and Objectives	Social Studies Content Expectations	ELA	Math
Unit 5: Simulation and Debriefing Students participate in the JA Finance Park simulation. They put into action all they have learned in the classroom by making important spending decisions and maintaining a balanced budget. Following their simulation experience, students participate in a reflective assessment. Objectives: The students will: Create a family budget using hypothetical life situations Make saving and investment decisions Reflect on their simulation experience	E1.1 Individual, Business, and Government Choices Describe how individuals, businesses, and government make economic decisions when confronting scarcity in the market economy. 6 – E1 .1 .1 Explain how incentives in different economic systems can change the decision-making process. E4 PERSONAL FINANCE 4.1 Decision Making Describe and demonstrate how the economic forces of scarcity and opportunity costs impact individual and household choices. 4.1 .2 Buying Goods and Services – Describe the factors that consumers may consider when purchasing a good or service, including the costs, benefits, and the role of government in obtaining the information.	Grade 6 RI.6.1 W.6.1 W.6.4 W.6.9 Grade 7 RI.7.1 W.7.1 W.7.4 W.7.9 Grade 8 RI.8.1 W.8.1 W.8.4 W.8.9 Grades 9-10 RI.9-10.1 W.9-10.4 W.9-10.9	Grade 6 RP.6.3b NS.6.2 NS.6.3 NS.6.5 Grade 7 RP.7.R2.b NS.7.2 NS.7.3

Unit Description and	Social Studies Content Expectations	Common	Common
Learning Objectives		Core ELA	Core Math
Unit 1: Income Students recognize the fundamental role of income in their personal finances and the factors that affect income and take-home pay. Through Project-Based Learning (PBL), students understand how the decisions they make about education and careers have an impact on their potential income and quality of life. Objectives: The students will: Tell the difference between abilities, interests, work preferences, and values Identify career interests and goals as a way to earn future income Define taxes and explain their purpose and impact on income Interpret sources of income (salaries and wages, interest, profit for business owners, etc.) Calculate NMI (net monthly income) income tax (including state income tax), Social Security, and Medicare	1.2 Competitive Markets Analyze how the functions and constraints of business structures, the role of price in the market, and relationships of investment to productivity and growth impact competitive markets. 1.2.1 Institutions – Describe the roles of various economic institutions and purposes they serve in a market economy. E4 PERSONAL FINANCE 4.1 Decision Making Describe and demonstrate how the economic forces of scarcity and opportunity costs impact individual and household choices. 4.1.1 Earning Income – Conduct research regarding potential income and employee benefit packages, nonincome factors that may influence career choice, benefits and costs of obtaining the necessary education or technical skills, taxes a person is likely to pay, and other possible sources of income.	Grades 9-10 RI .9-10.4 W. 9-10. 1,4 SL. 9-10. 1 L.9-10. 1,4 Grades 11-12 RI 11/12.4 W.11/12. 1,4 SL.11/12. 1 L.11/12. 1,4	Mathematical Practices 1-2 4-7

Unit Description and Learning Objectives	Social Studies Content Expectations	Common Core ELA	Common Core Math
Unit 2: Saving, Investing and Risk Management Students explore savings and compare investments as part of their overall financial planning. They also examine risk and how insurance may help protect savings from both planned and unplanned events. Objectives: The students will: Identify the benefits of saving a portion of income for future use Explain short- and long-term saving options Explain some of the advantages and disadvantages of savings options and investment vehicles Assess personal risk and risk management	E4 PERSONAL FINANCE 4.1 Decision Making Describe and demonstrate how the economic forces of scarcity and opportunity costs impact individual and household choices. 4 .1 .3 Saving – Identify the incentives people have to set aside income for future consumption, and evaluate the impact of time, interest rates, and inflation upon the value of savings. 4 .1 .5 Financial Investing – Analyze the risks, expected rate of return, tax benefits, impact of inflation, role of government agencies, and importance of diversification when investing in financial assets. 4.1.6 Protecting and Insuring – Assess the financial risk of lost income, assets, health, or identity, and determine if a person should accept the risk exposure, reduce risk, or transfer the risk to others by paying a fee now to avoid the possibility of a larger loss later.	Grades 9-10 RI .9-10.1 W. 9-10. 1,4,9 SL. 9-10. 1 L.9-10. 1,4 Grades 11-12 RI .11-12. 1 W.11-12. 1,4,9 SL11-12. 1 L.11-12. 1,4	Mathematical Practices 1-7
Unit 3: Debit and Credit Students compare financial institutions and their services; examine the value of credit scores; and interpret the effect of creditworthiness. Objectives: The students will: Describe the types of financial institutions and the services they provide Explain debit and credit cards and their uses Identify the advantages and disadvantages related to credit and debit cards Give examples of the best ways to build credit Demonstrate why credit scores are important	E4 PERSONAL FINANCE 4.1 Decision Making Describe and demonstrate how the economic forces of scarcity and opportunity costs impact individual and household choices. 4.1.4 Using Credit – Evaluate the benefits, costs, and potential impacts of using credit to purchase goods and services.	Grades 9-10 SL. 9-10.1,4 L.9-10. 1,4 Grades 11-12 SL11-12.1,4 L.11-12.1,4	Mathematical Practices 1-2 5-7

Unit Description and Learning Objectives	Social Studies Content Expectations	Common Core ELA	Common Core Math
Unit 4: Budget+ This unit provides an opportunity for students to set financial goals, experience budgeting, and compare sample budgets before they are confronted with the financial responsibilities of being and adult. Lessons focus on classifying income and expenses and staying with a plan. In each of the PBL lessons, integration of technology is required. During the final lesson, students explain the value of planning their spending and maintaining a balanced budget.	E4 PERSONAL FINANCE 4.1 Decision Making Describe and demonstrate how the economic forces of scarcity and opportunity costs impact individual and household choices. 4.1.2 Buying Goods and Services – Describe the factors that consumers may consider when purchasing a good or service, including the costs, benefits, and the role of government in obtaining the information.	Grades 9-10 RI .9-10.1 SL. 9-10.1 L.9-10.1,4 Grades 11-12 RI .11-12.1 SL11-12.1 L.11-12.1,4	Mathematical Practices 1-7
Objectives:			
The students will: Categorize spending by needs and wants Determine which categories belong in a budget Distinguish between different kinds of budgets Prepare a budget using goals and income			

Unit Description and Learning Objectives	Social Studies Content Expectations	Common Core ELA	Common Core Math
Unit 5: Simulation and Debriefing Students participate in the JA Finance Park simulation. They put into action all they have learned in the classroom by making important spending decisions and maintaining a balanced budget. Students then use the knowledge and skills gained from the JA Finance Park lessons to create a portfolio and presentation that answer the following driving question: What do I need to do today to accomplish what I want in the future?	E4 PERSONAL FINANCE 4.1 Decision Making Describe and demonstrate how the economic forces of scarcity and opportunity costs impact individual and household choices. 4.1 .2 Buying Goods and Services – Describe the factors that consumers may consider when purchasing a good or service, including the costs, benefits, and the role of government in obtaining the information.	Grades 9-10 RI .9–10.1,4,8 W. 9-10. 1 W. 9-10.4-9 SL. 9-10. 1 SL.9-10.4-6 L.9-10. 1-6 Grades 11-12 RI .11-12.1,4,8 W.11-12.1 W. 11-12.4-9 SL.11-12. 1 SL.11-12. 1-6 L.11-12. 1-6	Mathematical Practices 1-7
Objectives:			
The students will: Create a family budget using hypothetical life situations Make saving and investment decisions Demonstrate understanding of the importance of making smart financial decisions now that will last throughout their lifetimes Articulate thoughts and ideas effectively using oral, written, and nonverbal communication skills in a variety of forms and contexts Demonstrate originality and creativity Build confidence, self-esteem, and teamwork skills			