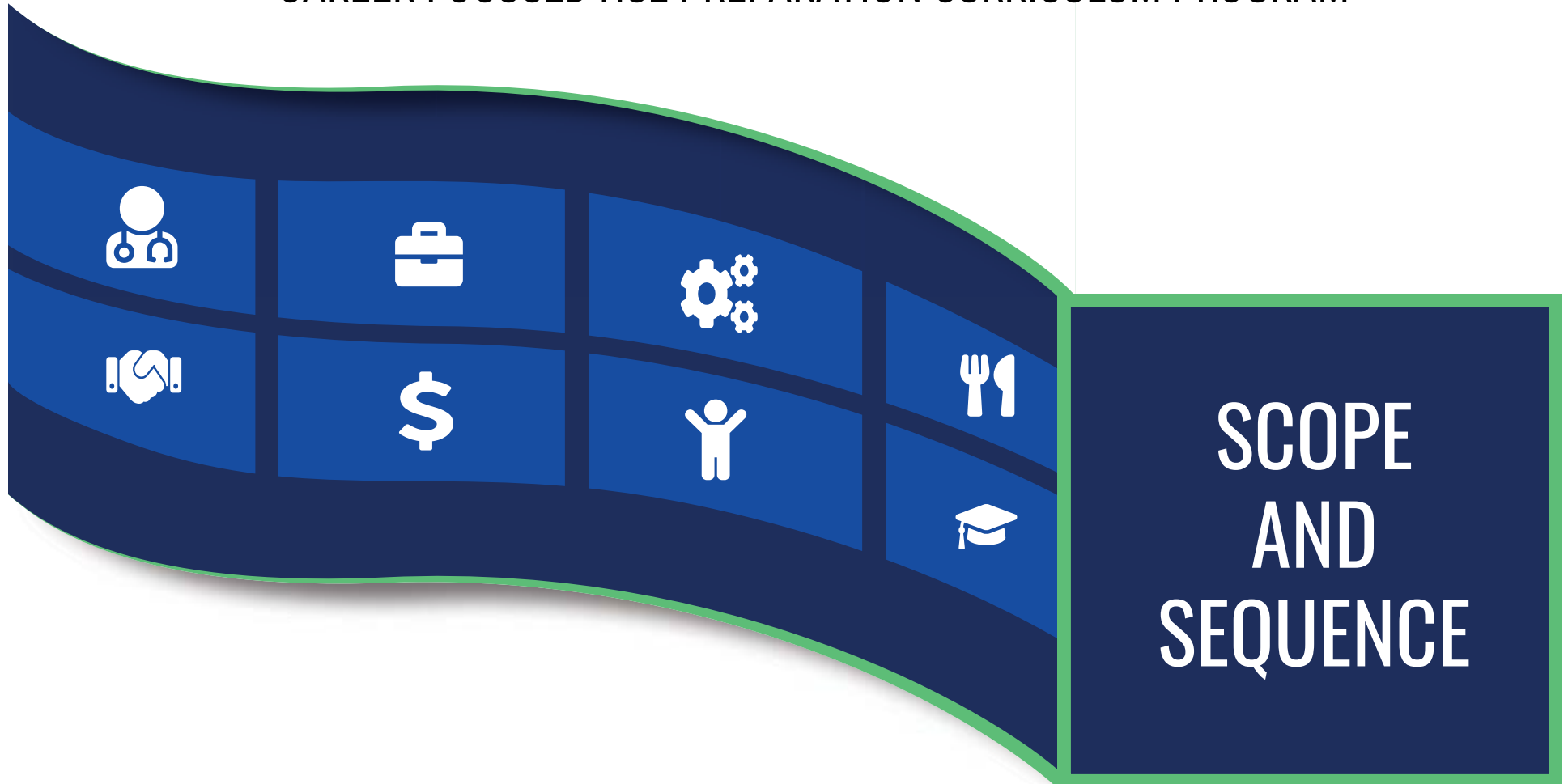




READY TO L^{earn}

CAREER-FOCUSED HSE PREPARATION CURRICULUM PROGRAM



Math

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Mockingbird Education



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Unit 1: Are You Ready?					
<i>Career Industry Interest</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 1.1	RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Reading Targets: Visual Literacy and Political Cartoons Informational text Read Out Loud Writing Targets: Note-taking Speaking Targets: Peer discussion Professional speaking and presenting	Industrial Terms: Motivation Intrinsic Motivation Extrinsic Motivation Syllabus Self-Concept Multiple Intelligences Stress Career Interest Work Style Holland Code Career Cluster Employability Skill: Employability	Informational Text: Quotes Visual Literacy: Guided imagery	Self-assessment
SUIT UP! 1.2	RI.5.4, RI.9-10.5, RST.11-12.2, RST.9-10.7, SL.5.1			Informational Text: Articles Visual Literacy: Image Charts Graphs	Collaboration
KNUCKLE DOWN! 1.3	RI.9-10.4, SL.5.1, SL.5.4			Self-assessment Collaboration	
GET PAID! 1.4	RI.9-10.4, RST.9-10.4, SL.5.1			Self-assessment Collaboration	

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Unit 2: Think Like a Mathematician					
<i>High-Growth/High-Demand Industry</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 2.1	RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Math values Mindset Career Targets: Employability	Math Terms: Mathematical Thinking Mathematical Identity Growth Mindset Fixed Mindset Concept Procedures Industrial Terms: Occupation Job Description Salary Educational Requirements Projected Outlook Skill Manufacturing Healthcare Business Internship Employability Skill: Employability	Informational Text: Quotes Articles Visual Literacy: Graphic organizers Guided imagery	Self-assessment
SUIT UP! 2.2	MP.1, MP.2, MP.3, MP.7, RI.5.4, RST.11-12.2, SL.5.1			Informational Text: Articles Visual Literacy: Images	Collaboration
KNUCKLE DOWN! 2.3	RI.11-12.3, RI.9-10.4, RST.9-10.4, SL.5.1			Self-assessment Collaboration	
GET PAID! 2.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, RI.5.4, SL.5.1, SL.11-12.2			Self-assessment Collaboration	

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Unit 3: Number Sense and Representation					
<i>Meeting, Convention, & Event Planners</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 3.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Read place value Write place value Order whole numbers, decimals, and fractions Use estimation Rounding Number line Order of operations Problem solving Career Targets: Employee identity Event planning careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Math Terms: Place Value Whole Number Decimal Fraction Estimation Order of Operations Industrial Terms: Meeting Convention Event Bid Budget Employability Skill: Flexibility	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 3.2	MP.1, MP.2, MP.3, MP.4, MP.5, N.Q.3, A.SSE.3, A.CED.1, A.REI.3, F.IF.7, S.ID.1, RST.11-12.2, SL.5.1, SL.11-12.2			Informational Text: Articles Receipts Visual Literacy: Image Graphic organizers	Budgeting Pricing Collaboration
KNUCKLE DOWN! 3.3	MP.1, MP.4, MP.5, MP.6, N.Q.3, A.SSE.3, SL.5.1			Critical thinking Self-assessment Collaboration	
GET HIRED! 3.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, N.Q.3, A.SSE.3, A.REI.1, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms Visual Literacy: Table	Self-assessment Collaboration

Math



Unit 4: Measures of Central Tendency					
<i>Real Estate Appraisers and Assessors</i>					
Unit Block	College & Career Readiness Standards For Adult Education	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 4.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Data comparison using central tendency Order data Read charts Read tables Read scatter plots Plot coordinates Graph line of best fit Problem solving	Math Terms: Mean Median Mode Range Measure of Central Tendency Scatter Plot Line of Best Fit	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 4.2	MP.1, MP.2, MP.3, MP.4, MP.5, N.Q.3, A.SSE.3, A.CED.1, A.REI.3, F.IF.7, S.ID.1, RST.11-12.2, RST.9-10.7, SL.5.1, SL.11-12.2	Career Targets: Employee identity Real estate appraiser careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others	Industrial Terms: Residential Property Commercial Property Comparables (Comps) Size Active Listing Sold Listing Pending Listing Days on Market	Informational Text: Articles Visual Literacy: Images Tables Charts Graphs	Collaboration
KNUCKLE DOWN! 4.3	MP.1, MP.2, MP.4, MP.5, MP.6, N.Q.3, A.CED.1, A.REI.1, RI.11-12.3, RI.9-10.4, RST.9-10.4, SL.5.1	Professional Communication Professional identity	Employability Skill: Integrity	Visual Literacy: Charts	Critical thinking Self-assessment Collaboration
GET HIRED! 4.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms Visual Literacy: Table	Self-assessment Collaboration

Math



Unit 5: Ratio and Proportion					
<i>Pharmacy Technicians</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 5.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Mathematical notation Ratios and proportions Visual representations of mathematical concepts Mathematical models Write ratios as fractions. Problem solving Find the unknown Cross-multiplication	Math Terms: Ratio Proportion Industrial Terms: Medicine Drug Dosage IV Solution Venous Intravenous mL mg Wholesale Manufacturer	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 5.2	MP.1, MP.2, MP.3, MP.4, MP.5, N.Q.3, A.SSE.3, A.CED.1, RST.11-12.2, RST.9-10.7, SL.5.1, SL.11-12.2	Career Targets: Employee identity Pharmacy technician careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Employability Skill: Resiliency	Informational Text: Labels Visual Literacy: Charts	Collaboration
KNUCKLE DOWN! 5.3	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, A.SSE.3, A.REI.1, RI.11-12.3, RI.9-10.4, RST.9-10.4, SL.5.1				Critical thinking Self-assessment Collaboration
GET PAID! 5.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms	Self-assessment Collaboration

Math



Unit 6: Measurement and Conversions					
<i>Medical Assistants</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 6.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Quantity representation Customary conversions Metric conversions Conversions between measurement systems Measurable properties and corresponding metric units Relationships between metric unit bases Basic metric units for length, volume, and weight. Career Targets: Employee identity Medical assistant careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Math Terms: Metric System US Customary System Measurement Unit Volume Weight Length Industrial Terms: Injection Vaccine Sterile Influenza Medical Ethics Employability Skill: Equity	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Table Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 6.2	MP.1, MP.2, MP.3, MP.4, MP.5, N.Q.3, A.SSE.3, A.CED.1, RST.11-12.2, RST.9-10.7, SL.5.1, SL.11-12.2			Visual Literacy: Images Graphs Tables	Collaboration
KNUCKLE DOWN! 6.3	MP.1, MP.2, MP.3, MP.4, MP.5, A.SSE.3, A.REI.1, RI.11-12.3, RI.9-10.4, RST.9-10.4, SL.5.1			Visual Literacy: Images	Critical thinking Self-assessment Collaboration
GET HIRED! 6.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Label Performance evaluation forms	Self-assessment Collaboration

Math



Unit 7: Algebraic Thinking					
<i>Industrial Machine Mechanic</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 7.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Mathematical thinking Communication Analysis and evaluation Expression using mathematical language Interpret graphs Create graphs Career Targets: Employee identity Industrial Machine Mechanic careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Math Terms: Algebraic Ideas Mathematical Thinking Tools Axes X Axis Y Axis Representation Industrial Terms: Machine Employability Skill: Independence	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Map Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 7.2	MP.1, MP.2, MP.3, MP.4, MP.5, MP.7, MP.8, N.Q.3, A.SSE.3, A.CED.1, RST.11-12.2, RST.9-10.7, SL.5.1, SL.11-12.2			Informational Text: Article Visual Literacy: Images Charts Tables Graphs	Collaboration
KNUCKLE DOWN! 7.3	MP.1, MP.2, MP.3, MP.4, MP.5, N.Q.3, A.SSE.3, A.REI.1, RI.11-12.3, RI.9-10.4, RST.9-10.4, SL.5.1			Visual Literacy: Images	Critical thinking Self-assessment Collaboration
GET PAID! 7.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms Visual Literacy: Image	Self-assessment Collaboration

Math



Unit 8: The Variable					
<i>Cosmetologists</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 8.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Write expressions Evaluate expressions Use real world expressions Exponents Parts of an expression Order of operations Career Targets: Employee identity Cosmetology careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others	Math Terms: Operation Sum Term Variable Product Factor Quotient Coefficient Exponent Equation Industrial Terms: Salon Color Developer Employability Skill: Courage	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 8.2	MP.1, MP.2, MP.3, MP.4, MP.5, N.Q.3, A.SSE.3, A.CED.1, A.REI.3, F.IF.8b, RST.11-12.2, RST.9-10.7, SL.5.1, SL.11-12.2	Professional Communication Professional identity		Informational Text: Article Visual Literacy: Images	Budgeting Collaboration
KNUCKLE DOWN! 8.3	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, N.Q.3, A.SSE.3, A.REI.1, A.REI.3, F.IF.8b, RI.11-12.3, RI.9-10.4, RST.9-10.4, SL.5.1				Critical thinking Self-assessment Collaboration
GET PAID! 8.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms	Self-assessment Collaboration

Math



Unit 9: Algebraic Patterns					
<i>Loan Officers</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 9.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Communicate mathematical thinking Analyze and evaluate mathematical thinking Organize and consolidate mathematical thinking Use mathematical language Interpret graphs Create graphs Represent situations pictorially Algebraic patterns	Math Terms: Algebraic Expression Evaluate Inequality Inequality Signs Solution of an Inequality Industrial Terms: Bank Debt Oan Interest Rate Principal Mortgage Employability Skill: Empathy	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Map Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 9.2	MP.1, MP.2, MP.3, MP.4, MP.5, N.Q.3, A.SSE.3, A.CED.1, A.REI.1, A.REI.3, F.IF.7, RST.11-12.2, RST.9-10.7, SL.5.1, SL.11-12.2	Career Targets: Employee identity Loan officer careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity		Informational Text: Article Visual Literacy: Images Tables	Collaboration
KNUCKLE DOWN! 9.3	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, N.Q.3, A.SSE.3, A.REI.3, A.REI.3, RI.11-12.3, RI.9-10.4, RST.9-10.4, SL.5.1				Critical thinking Self-assessment Collaboration
GET PAID! 9.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms Visual Literacy: Tables	Self-assessment Collaboration

Math



Unit 10: Functions and Algorithms					
<i>Medical Laboratory Technicians</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 10.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Algorithms Functions Inputs and outputs Function table Function rules Function properties Functions as rules Functions as tables Functions as graphs. Coordinate plane Data analysis Summarization	Math Terms: Algorithm Function Function Solution Axis Industrial Terms: Laboratory Report Basic Metabolic Panel Hemoglobin (HB/Hgb) Hematocrit (HCT) Hemoglobin A1c (A1c) Aliquot Tube RIA Urinalysis Employability Skill: Humility	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 10.2	MP.1, MP.2, MP.3, MP.4, MP.5, N.Q.3, A.SSE.3, A.CED.1, A.REI.1, A.REI.3, F.IF.4, F.IF.7, F.BF.1, F.LE.5, RST.11-12.2, RST.9-10.7, SL.5.1, SL.11-12.2	Career Targets: Employee identity Medical Laboratory Technician careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity		Visual Literacy: Images Tables Graphs	Collaboration
KNUCKLE DOWN! 10.3	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, N.Q.3, A.SSE.3, A.REI.3, A.REI.3, RI.11-12.3, RI.9-10.4, RST.9-10.4, SL.5.1			Visual Literacy: Graphs	Critical thinking Self-assessment Collaboration
GET PAID! 10.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms Visual Literacy: Tables	Self-assessment Collaboration

Math



Unit 11: Probability					
<i>Industrial Engineers</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 11.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Tree diagrams Sample space Possible outcomes Factorials Permutations Combinations Simple events Compound events	Math Terms: Event Outcome Compound Event Counting Principle Sample Space Tree Diagram Combination Permutation Probability Favorable Outcomes	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 11.2	MP.1, MP.2, MP.3, MP.4, MP.5, S.ID.1, S.IS.3, S.ID.5, S.ID.7, S.ID.9, RST.9-10.7, SL.5.1, SL.5.2,	Career Targets: Employee identity Industrial engineering careers Intellectual flexibility Workforce documents Mathematical language	Industrial Terms: Engineering Design Quarter Employability Skill: Flexibility	Visual Literacy: Images Tables Graphs	Collaboration
KNUCKLE DOWN! 11.3	MP.1, MP.2, MP.3, MP.4, MP.5, S.ID.1, S.IS.3, S.ID.5S.ID.7, S.ID.9, RST.9-10.7, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4	Collaboration with others Professional Communication Professional identity		Visual Literacy: Graphs	Critical thinking Self-assessment Collaboration
GET PAID! 11.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms Visual Literacy: Tables	Self-assessment Collaboration

Math



Unit 12: Equality					
<i>Personal Financial Adviser</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 12.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Manipulation of formulas Equivalent forms of expression Mathematical expression manipulation to preserve value Mathematical expression manipulation to preserve equality Equality Equal Sign Equal sign as a relationship, not a command for action Expression vs equation Expressions comparison Career Targets: Employee identity Personal finance careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Math Terms: Equal Sign Equation Algebra Relationship Equivalent Expressions Value Industrial Terms: Budget Simple Interest Principal Interest Rate Cash Flow Income Expenses Employability Skill: Integrity	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 12.2	MP.1, MP.2, MP.3, MP.4, MP.5, A.SSE.1, A.SSE.2, A.SSE.3, N.Q.1, SL.5.1, SL.5.2,			Visual Literacy: Images Tables	Budgeting Collaboration
KNUCKLE DOWN! 12.3	MP.1, MP.2, MP.3, MP.4, MP.5, A.SSE.1, A.SSE.2, A.SSE.3, N.Q.1, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4			Critical thinking Self-assessment Collaboration	
GET PAID! 12.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms	Self-assessment Collaboration

Math



Unit 13: Linear Functions					
<i>Market Research Analyst</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 13.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Linear functions Slope Rate Representation Linear relationships Visual literacy Rate to slope relationship Coordinates on a graph Data analysis Relationships between variables Trends and estimates Summarization Data comparison using linear functions Career Targets: Employee identity Market Research Analyst careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Math Terms: Independent Variable Dependent Variable Slope Rate Linear Relationship Coefficient Y-axis X-axis Constant Industrial Terms: Market Research Data Profit Revenue Spreadsheet Clientele Marketing Program Primary Market Research Employability Skill: Empathy	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 13.2	MP.1, MP.2, MP.3, MP.4, MP.5, S.ID.1, S.ID.3, S.ID.5, S.ID.7, S.ID.9, RST.9-10.7, F.IF.1, F.IF.2, F.BF.1, F.LE.1, F.LE.5, SL.5.1, SL.5.2,			Visual Literacy: Images Tables Graphs	Spreadsheets Collaboration
KNUCKLE DOWN! 13.3	MP.1, MP.2, MP.3, MP.4, MP.5, S.ID.1, S.ID.3, S.ID.5, S.ID.7, S.ID.9, RST.9-10.7, F.BF.1, F.LE.1, F.LE.5, F.IF.1, F.IF.2, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4			Visual Literacy: Tables Graphs	Critical thinking Self-assessment Collaboration
GET PAID! 13.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms Visual Literacy: Tables Graphs	Self-assessment Collaboration

Math



Unit 14: Solving Equations					
<i>Registered Nurse</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 14.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Representation Write equations Solve equations Balance equations Verbal mathematical expressions Create mathematical expressions Visual literacy	Math Terms: Variable Constant Coefficient Evaluate Algebraic Expression Equation Expression Equal Sign	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 14.2	MP.1, MP.2, MP.3, MP.4, MP.5, S.ID.5, A.CED.1 A.CED.2, A.CED.3, A.CED.4, RST.9-10.7, SL.5.1, SL.5.2	Analyze data Compare data and create equations Problem solving models Systems of equations	Industrial Terms: Registered Nurse Dosage Healthcare Members/ Professionals Pharmacist Prescribe mg	Visual Literacy: Images	Critical thinking Collaboration
KNUCKLE DOWN! 14.3	MP.1, MP.2, MP.3, MP.4, MP.5, S.ID.5, A.CED.1 A.CED.2, A.CED.3, A.CED.4, RST.9-10.7, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4	Career Targets: Employee identity Registered Nurse careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others	Employability Skill: Equity		Critical thinking Self-assessment Collaboration
GET PAID! 14.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2	Professional Communication Professional identity		Informational Text: Performance evaluation forms	Self-assessment Collaboration

Math



Unit 15: Inequalities					
<i>Accountant</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 15.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Variables Algebraic expressions Representation Problem solving Linear inequalities Number line representation Functions of inequalities Summarize mathematical relationships Analyze data	Math Terms: Inequality Inequality Signs Solutions of an Inequality Equation Variable Algebraic Expression Verbal Expression Number Line	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 15.2	MP.1, MP.2, MP.3, MP.4, MP.5, A.REI.3, A.SSE.1, N.Q.1, A.CED.1, F.IF.2, SL.5.1, SL.5.2	Career Targets: Employee identity Accountant careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Industrial Terms: Accounting Net Income Revenue Expenses Fixed Costs Break-even Point Gross Profit Standard Cost Price Variance	Visual Literacy: Images Tables Graphic organizer	Critical thinking Collaboration
KNUCKLE DOWN! 15.3	MP.1, MP.2, MP.3, MP.4, MP.5, A.REI.3, A.SSE.1, N.Q.1, A.CED.1, F.IF.2, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4		Employability Skill: Independent		Critical thinking Self-assessment Collaboration
GET PAID! 15.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Tables Performance evaluation forms	Self-assessment Collaboration

Math



Unit 16: Slope					
<i>Construction Laborer</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 16.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Slope Y-intercept Graphing of a line Slope of a line given two points Equation of a line Problem solving Career Targets: Employee identity Construction Laborer careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Math Terms: Independent Variable Dependent Variable Slope Rate Linear Relationship Y-axis X-axis Constant Y-intercept Slope-intercept Form Variable Industrial Terms: Blueprints Beam Surveyor Employability Skill: Courage	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Table Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 16.2	MP.1, MP.2, MP.3, MP.4, MP.5, S.ID.7, RST.9-10.7, S.ID.5, SL.5.1, SL.5.2			Visual Literacy: Images Graphs	Critical thinking Collaboration
KNUCKLE DOWN! 16.3	MP.1, MP.2, MP.3, MP.4, MP.5, S.ID.7, S.ID.5, RST.9-10.7, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4			Visual Literacy: Graphs	Critical thinking Self-assessment Collaboration
GET PAID! 16.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms	Self-assessment Collaboration

Math



Unit 17: Geometric Thinking					
<i>Mechanical Engineering Technician</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 17.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Basic geometrical construction Line graph Problem solving Visualization Parallel and perpendicular Perimeter Area	Math Terms: Geometric Thinking Parallel Perpendicular Perimeter Area Polygon Geometric Shape	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Table Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 17.2	MP.1, MP.2, MP.3, MP.4, MP.5, G.SRT.5, G.CO.1, G.MG.2, RST.9-10.7, SL.5.1, SL.5.2	Career Targets: Employee identity Mechanical Engineering Technician careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity Workforce accountability documents	Industrial Terms: Blueprint Production Space Workflow Drawing Construction Employability Skill: Resiliency	Visual Literacy: Images Graphic organizer Graphs	Critical thinking Collaboration
KNUCKLE DOWN! 17.3	MP.1, MP.2, MP.3, MP.4, MP.5, G.SRT.5, G.CO.1, G.MG.2, RST.9-10.7, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4				Critical thinking Self-assessment Collaboration
GET PAID! 17.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms	Self-assessment Collaboration

Math



Unit 18: Circles					
<i>Surgical Technologist</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 18.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Circumference Radius or diameter of a circle Area of a circle Representation Inscribed angles Central angles Career Targets: Employee identity Surgical Technologist careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Math Terms: Radius Diameter Circle Circumference Inscribed Angle Arc Central Angle Industrial Terms: Perimeter Dressing Employability Skill: Humility	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 18.2	MP.1, MP.2, MP.3, MP.4, MP.5, G.SRT.5, G.CO.1, G.MG.2, SL.5.1, SL.5.2			Visual Literacy: Images	Critical thinking Collaboration
KNUCKLE DOWN! 18.3	MP.1, MP.2, MP.3, MP.4, MP.5, G.SRT.5, G.CO.1, G.MG.2, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4			Critical thinking Self-assessment Collaboration	
GET PAID! 18.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms	Self-assessment Collaboration

Math



Unit 19: Parallel Lines					
<i>Paramedic</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 19.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Parallel lines Angles Angles formed by parallel lines and transversals. Representation Visual literacy Equations for types of angles. Career Targets: Employee identity Paramedic careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Math Terms: Parallel Lines Transversal Corresponding Angles Alternate Interior Angles Alternate Exterior Angles Interior Angles Exterior Angles Industrial Terms: CPR Perimeter Dressing Ointment Saline Solution Intubation Employability Skill: Flexibility	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Map Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 19.2	MP.1, MP.2, MP.3, MP.4, MP.5, G.SRT.5, G.MG.2, SL.5.1, SL.5.2			Visual Literacy: Images Maps	Critical thinking Collaboration
KNUCKLE DOWN! 19.3	MP.1, MP.2, MP.3, MP.4, MP.5, G.SRT.5, G.MG.2, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4			Critical thinking Self-assessment Collaboration	
GET PAID! 19.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Map Performance evaluation forms	Self-assessment Collaboration

Math



Unit 20: Triangles and Quadrilaterals					
<i>Solar Photovoltaic Installer</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 20.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Triangle classification. Quadrilateral classification. Pythagorean theorem Properties of shape Geometric figures Career Targets: Employee identity Solar Photovoltaic Installer careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others	Math Terms: Angle Right Angle Acute Angle Obtuse Angle Parallel Lines Perpendicular Lines Polygon Quadrilateral Parallelogram Rectangle Square Triangle Acute Triangle Right Triangle Obtuse Triangle Equilateral Triangle Isosceles Triangle Scalene Triangle Hypotenuse Leg Pythagorean Theorem	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 20.2	MP.1, MP.2, MP.3, MP.4, MP.5, G.SRT.5, G.MG.2, SL.5.1, SL.5.2	Professional Communication Professional identity	Equilateral Triangle Isosceles Triangle Scalene Triangle Hypotenuse Leg Pythagorean Theorem	Visual Literacy: Images Tables	Critical thinking Collaboration
KNUCKLE DOWN! 20.3	MP.1, MP.2, MP.3, MP.4, MP.5, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4	Professional Communication Professional identity	Equilateral Triangle Isosceles Triangle Scalene Triangle Hypotenuse Leg Pythagorean Theorem		Critical thinking Self-assessment Collaboration
GET PAID! 20.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2		Industrial Terms: Solar Panel Blueprints Employability Skill: Integrity	Informational Text: Performance evaluation forms	Self-assessment Collaboration

Math



Unit 21: Solids and Volumes					
<i>Chefs and Head Cook</i>					
Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 21.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Math Targets: Volume of 2-dimensional and 3-dimensional figures Surface area of 2-dimensional and 3-dimensional figures Bar Graphs Career Targets: Employee identity Head Cook/ Chef careers Intellectual flexibility Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity	Math Terms: Composite Figure Composite Solid 2-Dimensional Figure 3-Dimensional Figure Hemisphere Surface Area Volume Cylinder Prism Pyramid Sphere Industrial Terms: Cutting Board Menu Trends Recipe Restaurant Employability Skill: Empathy	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 21.2	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, N.Q.3, G. GMD.3, RST.9-10.7, SL.5.1, SL.5.2			Visual Literacy: Images Graph	Critical thinking Collaboration
KNUCKLE DOWN! 21.3	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, N.Q.3, RST.9-10.7, SL.5.1, SL.5.2, RI.11-12.3, RI.9-10.4, RST.9-10.4			Critical thinking Self-assessment Collaboration	
GET PAID! 21.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms	Self-assessment Collaboration

Math



Unit 22: Transition and Goal Setting

Goal Presentations

Unit Block	College & Career Readiness Standards	Targets	Key Terms	Text Structure	Professional Skill
GET HIRED! 22.1	RI.4.1, RI.4.2, RI.5.4, RST.9-10.4, RST.9-10.7, SL.5.1, SL.5.2	Career Targets: Employee identity Goal setting Workforce documents Mathematical language Collaboration with others Professional Communication Professional identity Public speaking Feedback	Key Terms: Goal SMART Goal Long-Term Goal Short-Term Goal	Informational Text: Quotes Articles Workforce accountability documents Occupational profile Visual Literacy: Graph Guided imagery	Intern roleplay Self-assessment Occupation research
SUIT UP! 22.2	RI.7.1, RI.5.9, RST.11-12.2, RST.9-10.3, RST.6-8.7, W.7.1, W.11-12.4, W.6-8.5, W.11-12.5, W.7.6*, W.9-10.6*, W.7.7, W.6-8.8, SL.8.1, SL.9-10.1, W.7.6*, W.9-10.6*, W.7.7, W.6-8.8, SL.8.1, SL.9-10.1, SL.8.2, SL.11-12.6,			Visual Literacy: Images	Critical thinking Presenting Collaboration
KNUCKLE DOWN! 22.3	RI.9-10.4, SL.5.1, SL.5.4			Critical thinking Self-assessment Collaboration	
GET PAID! 22.4	MP.1, MP.2, MP.3, MP.4, MP.5, MP.6, MP.7, MP.8, A.REI.2, RI.5.4, RST.9-10.4, SL.5.1, SL.11-12.2			Informational Text: Performance evaluation forms	Self-assessment Collaboration