



How do BizWorld programs align with the Math Texas Essential Knowledge and Skills (TEKS) for **grades 3-5**?

Strand	TEKS Number	Standard	What BizWorld activities address this standard specifically?
GRADE 3			
Number, Operations, and Quantitative Reasoning	1A, B,C	The student uses place value to communicate about increasingly large whole numbers in verbal and written form, including money	<ul style="list-style-type: none"> Finance Worksheets Company Ledger
	2	The student uses fraction names and symbols (with denominators of 12 or less) to describe fractional parts of whole objects or sets of objects	<ul style="list-style-type: none"> Stock Pie chart & discussion
	3A,B	The student adds and subtracts to solve meaningful problems involving whole numbers	<ul style="list-style-type: none"> Finance Worksheets & Company Ledger
	5A,B	The student estimates to determine reasonable results	<ul style="list-style-type: none"> Pricing Worksheet During the manufacturing process
Measurement	11A	The student directly compares the attributes of length, area, weight/mass, and capacity, and uses comparative language to solve problems and answer questions.	<ul style="list-style-type: none"> Manufacturing process
Underlying processes and mathematical tools	14A,B	The student applies Grade 3 mathematics to solve problems connected to everyday experiences and activities in and outside of school	<ul style="list-style-type: none"> All programs are experiential based and focus on real-world application
GRADE 4			
Number, Operations, and Quantitative Reasoning	2C	The student describes and compares fractional parts of whole objects or sets of objects.	<ul style="list-style-type: none"> Stock pie chart & discussion
	3a	The student adds and subtracts to solve meaningful problems involving whole numbers and decimals	<ul style="list-style-type: none"> Finance Worksheets Company Ledger
	5A,B	The student estimates to determine reasonable results	<ul style="list-style-type: none"> Pricing worksheets Manufacturing
Measurement	11A	The student applies measurement concepts. The student is expected to estimate and measure to solve problems involving length (including perimeter) and area	<ul style="list-style-type: none"> Manufacturing process
Underlying processes and mathematical tools	14A,B	The student applies Grade 4 mathematics to solve problems connected to everyday experiences and activities in and outside of school	<ul style="list-style-type: none"> All programs are experiential based and focus on real-world application
GRADE 5			
Number, Operations, and Quantitative Reasoning	2	The student uses fractions in problem-solving situations	<ul style="list-style-type: none"> Stock pie chart & discussion
	3	The student adds, subtracts, multiplies, and divides to solve meaningful problems.	<ul style="list-style-type: none"> Finance Worksheets
	4	The student estimates to determine reasonable results. The student is expected to use strategies, including rounding and compatible numbers to estimate solutions to addition, subtraction, multiplication, and division problems	<ul style="list-style-type: none"> Pricing Worksheets Manufacturing Process
Measurement	10	The student applies measurement concepts involving length (including perimeter), area, capacity/volume, and weight/mass to solve problems	<ul style="list-style-type: none"> Manufacturing process
Understanding processes and mathematical tools	14A,B	The student applies Grade 5 mathematics to solve problems connected to everyday experiences and activities in and outside of school.	<ul style="list-style-type: none"> All programs are experiential based and focus on real-world application

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BIZWORLD™

The BizWorld Foundation

How do BizWorld programs align with the ELA Texas Essential Knowledge and Skills (TEKS) for **grades 3-5**?

Strand	Sub-strand	TEKS		Standard	What BizWorld activities address this standard specifically?
		Grade	Number		
Reading	Vocabulary Development	3 rd	4B	Students understand new vocabulary and use it when reading and writing	<ul style="list-style-type: none"> New vocabulary words introduced in all programs
		4 th	2A,B,E		
		5 th	2A,B		
	Comprehension of Informational Text/ Procedural Texts	3 rd	15A	Students understand how to glean and use information in procedural texts and documents.	<ul style="list-style-type: none"> Making bracelets/movies Creating marketing campaigns
		4 th	13A		
		5 th	13A		
Listening and Speaking	Listening	3 rd	29A,B	Students use comprehension skills to listen attentively to others in formal and informal settings.	<ul style="list-style-type: none"> Frequent group discussions Following teacher demonstration of bracelet or movie making
		4 th	27A,B		
		5 th	27A,B,C		
	Speaking	3 rd	30	Students speak clearly and to the point, using the conventions of language.	<ul style="list-style-type: none"> Pitch to Venture Capitalists Commercial presentation Sales Bazaar
		4 th	28		
		5 th	28		
	Teamwork	3 rd	31	Students work productively with others in teams.	<ul style="list-style-type: none"> All of our programs are group-based and success is based on the team
		4 th	29		
		5 th	29		

BizWorld programs also align to the College Readiness Standards

Subject	Domain	Number	Standard
English Language Arts	Reading	B1, B3	Understand new vocabulary and concepts and use them accurately in reading, speaking, and writing.
	Speaking	A1, A2	Understand the elements of communication both in informal group discussions and formal presentations (e.g., accuracy, relevance, rhetorical features, organization of information).
		B1, B2, B3	Develop effective speaking styles for both group and one-on-one situations.
	Listening	A1, A2, A3	Apply listening skills as an individual and as a member of a group in a variety of settings (e.g., lectures, discussions, conversations, team projects, presentations, interviews).
		B1, B2, B3	Listen effectively in informal and formal situations.
Mathematics	Numeric Reasoning	B1	Number operations: Perform computations with real and complex numbers.
		C1	Number sense and number concepts: Use estimation to check for errors and reasonableness of solutions.
	Problem Solving and Reasoning	C1, C2, C3	Real world problem solving: Formulate a solution to a real world situation based on the solution to a mathematical problem; Use a function to model a real world situation; Evaluate the problem-solving process.
	Connections	B1, B3	Connections of mathematics to nature, real world situations, and everyday life: Use multiple representations to demonstrate links between mathematical and real world situations; Know and understand the use of mathematics in a variety of careers and professions.
Cross-Disciplinary	Key Cognitive Skills	A2	Intellectual curiosity: Accept constructive criticism and revise personal views when valid evidence warrants.
		B2	Reasoning: Construct well-reasoned arguments to explain phenomena, validate conjectures, or support positions
		C1, C2	Problem solving: Analyze a situation to identify a problem to be solved. Develop and apply multiple strategies to solve a problem
		E2	Work habits: Work collaboratively.

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How do BizWorld programs align with the Math Texas Essential Knowledge and Skills (TEKS) for **grades 6-8**?

Strand	TEKS Number	Standard	What BizWorld activities address this standard specifically?
GRADE 6			
Number, Operations, and Quantitative Reasoning	2A,D	The student adds, subtracts, multiplies, and divides to solve problems and justify solutions	<ul style="list-style-type: none"> Finance Worksheets Company Ledger Pricing worksheet Manufacturing process
Underlying processes and mathematical tools	11A,B	The student applies Grade 6 mathematics to solve problems connected to everyday experiences, investigations in other disciplines, and activities in and outside of school.	<ul style="list-style-type: none"> All programs are experiential based and focus on real-world application
GRADE 7			
Number, Operations, and Quantitative Reasoning	1B	The student represents and uses numbers in a variety of equivalent forms. The student is expected to convert between fractions, decimals, whole numbers, and percents mentally, on paper, or with a calculator	<ul style="list-style-type: none"> Stock pie chart & discussion
	2B	The student adds, subtracts, multiplies, or divides to solve problems and justify solutions. The student is expected to use addition, subtraction, multiplication, and division to solve problems involving fractions and decimals	<ul style="list-style-type: none"> Stock pie chart & discussion
Underlying processes and mathematical tools	13A,B	The student applies Grade 7 mathematics to solve problems connected to everyday experiences, investigations in other disciplines, and activities in and outside of school.	<ul style="list-style-type: none"> All programs are experiential based and focus on real-world application
GRADE 8			
Number, Operations, and Quantitative Reasoning	2B, 2C	The student selects and uses appropriate operations to solve problems and justify solutions.	<ul style="list-style-type: none"> Finance Worksheets Company Ledger
Understanding processes and mathematical tools	14A,B	The student applies Grade 8 mathematics to solve problems connected to everyday experiences, investigations in other disciplines, and activities in and outside of school.	<ul style="list-style-type: none"> All programs are experiential based and focus on real-world application

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How do BizWorld programs align with the ELA Texas Essential Knowledge and Skills (TEKS) for **grades 6-8**?

Strand	Sub-strand	TEKS		Standard	What BizWorld activities address this standard specifically?
		Grade	Number		
Reading	Vocabulary Development	6 th	2A,B,E	Students understand new vocabulary and use it when reading and writing	<ul style="list-style-type: none"> New vocabulary words introduced in all programs
		7 th	2A,B,E		
		8 th	2A,B,E		
	Comprehension of Informational Text/ Procedural Texts	6 th	12A	Students understand how to glean and use information in procedural texts and documents.	<ul style="list-style-type: none"> Making bracelets/movies Creating marketing campaigns
		7 th	12A		
		8 th	-----		
Listening and Speaking	Listening	6 th	26A,B,C	Students use comprehension skills to listen attentively to others in formal and informal settings.	<ul style="list-style-type: none"> Frequent group discussions Following teacher demonstration of bracelet or movie making
		7 th	26A,B,C		
		8 th	26B		
	Speaking	6 th	27	Students speak clearly and to the point, using the conventions of language.	<ul style="list-style-type: none"> Pitch to Venture Capitalists Commercial presentation Sales Bazaar
		7 th	27		
		8 th	27		
	Teamwork	6 th	28	Students work productively with others in teams.	<ul style="list-style-type: none"> All of our programs are group-based and success is based on the team
		7 th	28		
		8 th	28		

BizWorld programs also align to the College Readiness Standards

Subject	Domain	Number	Standard
English Language Arts	Reading	B1, B3	Understand new vocabulary and concepts and use them accurately in reading, speaking, and writing.
	Speaking	A1, A2	Understand the elements of communication both in informal group discussions and formal presentations (e.g., accuracy, relevance, rhetorical features, organization of information).
		B1, B2, B3	Develop effective speaking styles for both group and one-on-one situations.
	Listening	A1, A2, A3	Apply listening skills as an individual and as a member of a group in a variety of settings (e.g., lectures, discussions, conversations, team projects, presentations, interviews).
		B1, B2, B3	Listen effectively in informal and formal situations.
Mathematics	Numeric Reasoning	B1	Number operations: Perform computations with real and complex numbers.
		C1	Number sense and number concepts: Use estimation to check for errors and reasonableness of solutions.
	Problem Solving and Reasoning	C1, C2, C3	Real world problem solving: Formulate a solution to a real world situation based on the solution to a mathematical problem; Use a function to model a real world situation; Evaluate the problem-solving process.
	Connections	B1, B3	Connections of mathematics to nature, real world situations, and everyday life: Use multiple representations to demonstrate links between mathematical and real world situations; Know and understand the use of mathematics in a variety of careers and professions.
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