



# 7th GRADE LEARNER STANDARDS

## ENGLISH 7

### Reading

- Find information by using external text features
- Use chronological, sequential, or descriptive patterns to understand informational texts
- Paraphrase and summarize informational texts
- Identify the main idea and supporting details in informational texts
- Identify the elements of plot in narrative texts
- Identify a character's traits as revealed by a narrator
- Distinguish topic from theme
- Identify the setting in narrative texts
- Identify similes and metaphors
- Identify main ideas and tone in poetry
- Determine word meanings by using prefixes and suffixes
- Determine word meanings by using context clues
- Correctly use commonly confused words
- Identify literal meanings and shades of meanings of words

### Writing

- Focus my writing on one topic
- Use transitions to show sequence
- Use appropriate tone and voice for the topic
- Vary sentence beginnings and lengths
- Edit for correct spelling
- Use commas in a series
- Make subjects and verbs agree
- Use possessives correctly
- Capitalize sentence beginnings and proper nouns
- Establish a purpose for inquiry
- Gather relevant information to answer inquiry questions
- Distinguish between fact and opinion
- Validate the accuracy of information
- Write without plagiarizing

## UTAH HISTORY

- Investigate the impact of settlement, land use and the economy based on Utah's climate, location, landforms, natural resources, wild life and human interaction
- Examine the contributions of Native American Indians, explorers, and pioneers to culture of Utah
- Examine Utah's struggle for statehood and its foundation of local and state government
- Explore the components of Utah's economy including the past and present role of agriculture and various other broadening aspects of Utah's economy leading to our current economic state
- Recognize the diverse nature of Utah's recreational opportunities, the people, and culture unique to Utah
- Identify and investigate major contemporary events that concern the land and people in Utah

## SCIENCE 7 ACADEMY-application required

- This class covers the objectives of the 7th Grade integrated science class but at a deeper and more involved level, focusing on the skills required to perform scientific inquiry.

## SCIENCE 7

- Describe the structure of matter in terms of atoms and molecules
- Accurately measure the characteristics of matter in different states
- Investigate the motion of particles
- Examine the effects of density and particle size on the behavior of materials in mixtures
- Analyze how density affects Earth's structure
- Observe and describe cellular structures and functions
- Identify and describe the function and interdependence of various organs and tissues
- Compare how sexual and asexual reproduction passes genetic information from parent to offspring
- Relate the adaptability of organisms in an environment to their inherited traits and structures
- Classify based on observable properties
- Use and develop a simple classification system
- Classify organisms using an orderly pattern based upon structure

## CTE INTRO

### Technology Component

- Understand the tools, materials, and processes introduced in the five general areas of technology: Agriculture, Communications, Construction, Manufacturing, and Transportation, through research, hands-on problem solving projects, and self evaluation of their outcomes
- Apply construction knowledge to design, construct and evaluate a model bridge, an electric buzzer and pilot an RC glider through a short flight and a successful landing
- Apply knowledge of Agriculture

### Business Component

- Develop personal abilities, skills, interests, values, and motivations in terms of future goals
- Understand the relationship between education, training, and the world of work
- Explore a variety of business, technical, and medical careers
- Acquire job-seeking skills such as writing a resume, and completing a job application
- Comprehend business terminology such as: marketing, advertising, agriculture, economics, finance, accounting, entrepreneurship, management, etc.
- Explore the relationship and impact of Information Technology and digital media in today's technology world
- Understand the basic components of a computer, and how they work together
- Demonstrate basic knowledge and application of hardware, software and internet use
- Define basic Internet vocabulary, including URL, browser, search engine, etc
- Explore the relationship and impact of economics on families and consumers

### Family and Consumer Science Component

- Explain the four P's of Marketing (product, pricing, promotion, and place) and how they are used in business and in society
- Explore effective personal, verbal, and nonverbal communication and Identify steps of problem-solving
- Apply appropriate child care skills for young children
- Demonstrate basic kitchen management, food safety, and sanitation
- Practice food preparation skills
- Explore and use textile (sewing) technology and equipment  
*(continued)*

- Demonstrate skills related to clothing care, construction, and selection
- Describes how economic resources (natural, human, and capital) are used to produce goods and services

### Career & Health Component

- Create a monthly budget
- Explain what a bachelors, masters, and MD is
- Generate a resume with talents and experiences
- Discover how to prepare for a job interview
- Identify types of physicians and major body systems
- Understand the importance of an education effecting careers--specifically health careers

## ART FOUNDATIONS 1

- Plan and organize an artwork using the elements of design
- Explore numerous art media, techniques and processes
- Analyze the impact of different cultures on art
- Differentiate between foreground, middle ground, and background to show depth
- Produce an accurate color wheel using only the three primary colors

## 3-D ART

- Explore numerous art media, techniques, and processes
- Safely and appropriately use a variety of art tools
- Recognize the importance of creative/divergent thinking in art class and life
- Compose a 3 dimensional artwork using a 2 dimensional idea
- Effectively organize shape, space, and balance when creating 3-Dimensional works of art

## INTRODUCTION TO TECHNOLOGY EDUCATION:

- During intro to tech, students will explore in more depth four of the five technology areas introduced in CTE intro. Exploration will include class projects, some in small groups and individual preference.

## KEYBOARDING 1

- Demonstrate proper techniques; eyes on copy, correct fingering and good posture while operating the keyboard
- Express knowledge of computer components, functions, and care
- Develop and improve key stroking, speed and accuracy
- Incorporate numbers, symbols and punctuation marks
- Comprehend basic word processing functions using a variety of documents
- Proofread and make corrections using word processing software
- Compose sentences, short paragraphs, and stories at the keyboard

## KEYBOARDING APPLICATIONS

- Demonstrate mastery of touch keyboarding
- Practice and reinforce correct keyboarding techniques
- Increase student keyboarding skill through drill and increased speed and accuracy
- Students will increase accuracy using appropriate drills and timed writings
- Use word processing software to create, format, and edit personal and business documents
- Improve composition and editing skills)

## MATH 7

- Compare and order rational numbers
- Add, subtract, multiply and divide integers, fractions and decimals
- Explain the relationships and equivalences among rational numbers
- Convert from between fractions, decimals, and percents
- Solve problems involving ratios, rates, proportions and percentages
- Apply properties of proportionality to different units of measure
- Evaluate the proper measurements to use metric or customary units
- Utilize concepts of probability to predict the likelihood of events
- Construct visual representations of data and make inferences from the data
- Draw, label and describe geometric figures
- Evaluate, simplify and solve algebraic expressions and equations
- Represent relationships with graphs, tables and equations

## PRE ALGEBRA

- Compute fluently rational numbers, including negatives, fractions, and decimals
- Rewrite numbers in various forms, including scientific notation, and can place them on a number line
- Analyze problems involving rational numbers using addition, subtraction, multiplication, and division and can simplify these expressions
- Recall and extend knowledge of proportion and similarity to solve a variety of problems
- Demonstrate the meaning of ratios, percents, and decimals
- Generate equations using proportional reasoning
- Recognize and use properties of similar triangles to solve problems
- Understand how to find the slope of a line
- Illustrate representation of a relation using tables, graphs, and algebraic symbols
- Assess algebraic expressions, equations and inequalities in order to simplify expressions
- Distinguishes relationships using graphs, tables, and other models
- Applies the properties of proportionality of different units of measure
- Uses formulas for surface area and volume of three-dimensional figures
- Explains the difference between probabilities of events and compares theoretical and experimental probability
- Designs different charts to organize and analyze data

## PHYSICAL EDUCATION

- Demonstrate the correct technique for a variety of basic skills
- Apply correct techniques of basic skills during games and activities
- Assess personal fitness levels and create personal fitness goals
- Participate in activities that promote physical fitness
- Demonstrate knowledge of the components of physical fitness
- Explore the relationship between physical activity and proper nutritional choice
- Demonstrate the ability to make responsible choices in activity settings
- Display the ability to work with others in activity settings
- Recognize that physical activity provides opportunities for challenge, enjoyment, self-expression, and social interaction

## TIMBERLINE GRIZZLIES ARE:

- ★ High Achievers
- ★ Active Inquirers
- ★ Responsible Citizens

### WORLD LANGUAGE LEVEL 1 –FRENCH AND GERMAN

- Identify sounds & symbols of the language, including alphabet & numbers (*continued*)
- Communicate in the language about time, routines, clothing, home, food, activities, family, pets, weather, and likes & dislikes
- Generate situational conversations, such as- introducing oneself & ordering food
- Formulate questions in the language to acquire information
- Develop basic reading skills
- Compare and contrast one's own culture and geography with other world cultures

### BEGINNING BAND

- Demonstrate correct performance fundamentals including: playing positions, care of instruments, and individual/ensemble rehearsal techniques
- Demonstrate an understanding of beginning level playing techniques including: embouchure, tone quality, intonation, articulation, finger dexterity, and range
- Recognize and demonstrate proper usage of basic rhythms using the whole note, half note, quarter note, eighth note and their accompanying rests
- Demonstrate an understanding of basic music theory vocabulary including: staff, clef, key signature, and musical terms
- Perform 4 major scales and arpeggios up to one octave: Bb, Eb, F, C
- Perform beginning ensemble sight-reading and performance skills
- Perform band literature in a variety of styles appropriate to playing level

### INTERMEDIATE BAND

- Increase playing techniques to intermediate level including: embouchure, tone quality, intonation, range, articulation, and finger dexterity
- Recognize and demonstrate proper usage of intermediate rhythms including: triplets, sixteenth notes, and their accompanying rests
- Demonstrate an understanding of intermediate music theory and musical terms
- Perform 8 Major scales and arpeggios up to one octave: Bb, Eb, Ab, Db, G, C, F, D
- Perform intermediate ensemble sight-reading and performance skills
- Perform band literature in a variety of styles appropriate to playing level
- Develop multicultural, interdisciplinary, critical listening and historical aspects of music

### BEGINNING ORCHESTRA

- Demonstrate good playing posture and bow hold
- Recognize, write and play major scales D, G, C
- Name and play all of the notes in first position
- Distinguish out of tune notes, sharp or flat

- Demonstrate knowledge of terms in the glossary of All For Strings book 1
- Demonstrate knowledge of whole, quarter, half, eighth notes and rests
- Create simple melodies on one string and write basic rhythmic compositions
- Demonstrate the playing skills involved with their instrument on a level one piece

### INTERMEDIATE ORCHESTRA

- Demonstrate good posture and a flexible bow hold
- Recognize, write and play major and minor two octave scales
- Demonstrate ability to shift between first and third position
- Demonstrate ability to correctly tune own instrument
- Display a working vibrato
- Demonstrate knowledge of terms in the glossary of All For Strings book II
- Demonstrate ability to count whole, quarter, half, eighth, notes and rests, triplets, cut time
- Improvise on and write for their instrument in first position
- Demonstrate playing skills involved with their instrument on a 2nd year level

### CHOIR 7

- Demonstrate a clear, open vocal tone
- Identify and use quarter, half, dotted half, whole and eighth notes and rests
- Identify all lines and spaces of the treble clef
- Demonstrate the ability to sing their part independently (2-part harmony)
- Execute step-wise sight singing
- Recognize and implement simple dynamics

### DANCE INTRO/ INTRO ADVANCED

- Demonstrate correct technique and knowledge of the body through fundamental conditioning
- Demonstrate knowledge and skills in the elements of dance: Body, Energy, Space, and Time
- Demonstrate basic concepts of performing techniques and identify these in another dancer
- Gain an understanding of dance as a means to create and communicate meaning through basic improvisation
- Create and perform a movement sequence based upon a dance element
- Evaluate a sequence or dance with a beginning, middle and end
- Define and perform the process of abstraction
- Identify the various purposes served by dance throughout time and in world cultures
- Explore how dance can be used collaborative with other school subjects
- Participate in dance concert

### MEN'S DANCE

- Demonstrate and explore basic elements of dance including movement, space, time and energy
- Explore several different dance forms : capoeira, tap, step, modern, and hip-hop/break dance
- Participate in movement focusing on agility, balance, coordination, rhythmic accuracy, and spatial awareness
- Identify and demonstrate the importance of fitness, conditioning, overall coordination and composition as it pertains to dance and other forms of physical activity

### DANCE 1

- Demonstrate correct technique and knowledge of the body and identify basic physical needs to maintain a healthy, safe body for dance
- Demonstrate knowledge and skills in the elements of dance: Body, Energy, Space, and Time
- Improvise within a structure, in a group and perform and improvisation based on an idea or activity
- Gain an understanding of dance as a means to create and communicate meaning through basic improvisation
- Create and perform a movement sequence/dance study in AB, ABA, rondo, canon or echo
- Create, perform, and evaluate a dance study in a small group with a beginning, middle, and end demonstrating unison, contrast, and transition
- Demonstrate the ability to work cooperatively in a small group sharing choreographic ideas equally
- Create a movement pattern through the process of abstraction based on a single gesture, analyzing the changes in meaning each alteration may create
- Identify the various purposes served by dance throughout time and in world cultures
- Analyze dance as a powerful means of expression
- Participate in dance concert

### DRAMA 7

- Organize, write and give a public speech
- Identify and properly use basic theatre terms
- Write and perform a pantomime
- Model proper theatrical vocal technique
- Create and perform a unique, believable character
- Analyze, adapt, stage, and perform a story
- Perform a proper and professional audition

### MYTHOLOGY

- Read stories from the mythologies of various cultures
- Analyze characters and conflicts
- Discuss the origins, symbols, and meanings behind myths
- Reenact some stories from mythology for the learning benefit of peers
- Identify recurring themes between stories
- Create variations of stories in specified genres
- Make connections between the stories and oneself, other stories, and the world

## Everyone Needs AIR!

★ Achievement

★ Inquiry

★ Responsibility

## 2010-2011 Timberline Grizzly Standards

7th

Essential knowledge and skills  
students should know and  
be able to demonstrate.



"Timberline Middle School Community  
will foster an environment  
which encourages and facilitates  
active inquiry, high achievement,  
and responsible participation in society."

