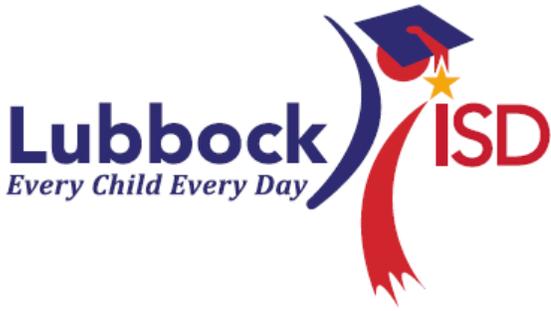


8th Grade School/Parent/Student Compact



Students entering 8th Grade will work toward becoming:

Lifelong Learners that

- exhibit a strong work ethic
- practice perseverance
- set and prioritize goals

Leaders who

- are self-motivated
- take healthy risks and learn from mistakes

Communicators that

- use, access, evaluate and manage information

College and Career Readiness:

Math

- Numeric reasoning
- Algebraic reasoning
- Geometric reasoning
- Measurement reasoning

Science

- Scientific reasoning and inquiry
- Scientific applications of mathematics
- Science in technology and society
- Scientific communication

Teachers will facilitate learning to ensure successful 8th Grade students will...

MATH

- use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations.
- use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other.
- connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students begin to develop an understanding of functional relationships.
- use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems.

Teachers will facilitate learning to ensure successful 8th Grade students will...

SCIENCE

- conduct field and laboratory investigations using safe practices and scientific inquiry methods.
- use critical thinking, scientific reasoning, and problem solving to make informed decisions.
- use a variety of tools and safety equipment to conduct science inquiry.
- know that matter is composed of atoms and has chemical and physical properties.
- know that there is a relationship between force, motion, and energy.
- know the effects of cyclical movements of the Sun, Earth, and Moon.
- know the characteristics of the universe.
- know that natural events can impact Earth systems.
- know that climatic interactions exist among Earth, ocean, and weather systems.
- know that interdependence occurs among living systems and the environment and that humans can affect these systems.

***Regular two-way communication between parents and teachers ensures student success.**

8th Grade School/Parent/Student Compact

ELAR

College and Career Readiness:

- Compose a variety of texts
- Draw inferences, analyze and evaluate information
- Understand the elements of communication

Social Studies

- Use problem-solving and decision-making skills, working independently and with others
- Communicate in written, oral, and visual forms
- Apply critical-thinking skills to organize and use information

Teachers will facilitate learning to ensure successful 8th Grade students will...

ELAR

- analyze, make inferences and draw conclusions about theme.
- analyze non-linear plot developments such as flashbacks and foreshadowing.
- demonstrate knowledge of literary genres.
- identify claims and analyze the argument in argumentative texts.
- synthesize and make logical connections between ideas within a text and across texts.
- compose texts of different genres.
- edit drafts for grammar, mechanics, and spelling.
- work collaboratively by planning agendas with clear goals and deadlines.

Digital Learning:

- Integrate two or more technology tools to create a new digital product
- Evaluate the relevance of technology as it applies to college and career readiness and life-long learning Apply
- critical-thinking and problem-solving skills to transfer knowledge in real-life situations using technology

Teachers will facilitate learning to ensure successful 8th Grade students will...

SOCIAL STUDIES

- study the history of the United States from the early colonial period through Reconstruction.
- focus on the political, economic, religious, and social events and issues related to each era.
- describe the physical characteristics of the United States and their impact on population distribution and settlement patterns in the past and present.
- analyze the various economic factors that influenced the development of colonial America and the early years of the republic.
- identify the origins of the free enterprise system.
- examine the American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights, reflected in the U.S. Constitution and other historical documents.
- evaluate the impact of Supreme Court cases and major reform movements of the 19th century and examine the rights and responsibilities of citizens of the United States as well as the importance of effective leadership in a constitutional republic.
- evaluate the impact of scientific discoveries and technological innovations on the development of the United States.
- identify bias in written, oral, and visual material.

Home Connection:

- Read with students and discuss something they are reading.
- Ask specific questions about their school day.
- Discuss current events. Ask students to connect a historical event, figure or constitutional concept to the discussion.
- Contact teachers regularly to monitor student's progress*
- Participate in virtual conferences as needed.

***Regular two-way communication between parents and teachers ensures student success.**