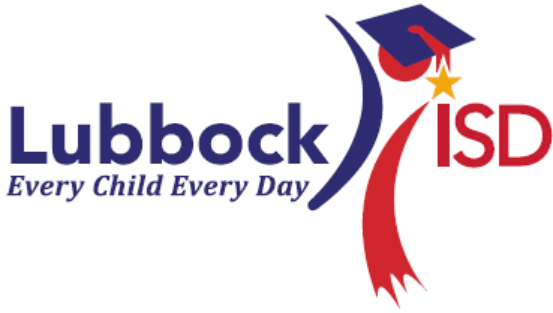


6th Grade School/Parent/Student Compact



Students entering 6th Grade will work toward becoming:

Lifelong Learners that

- exhibit a strong work ethic
- set and prioritize goals

Communicators who

- use a variety of techniques and media to clearly convey learning

Interpersonal by

- respecting authority and others
- working with a positive attitude

Teachers will facilitate learning to ensure successful 6th Grade students will...

MATH

- use concepts of proportionality to explore, develop, and communicate mathematical relationships.
- Use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations.
- 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 use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems.
- 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 6th 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 the difference between elements and compounds.
- know that matter has physical properties that can be used for classification.
- know that some of the Earth's resources are renewable and that some are non-renewable.
- know how force and motion are related to potential and kinetic energy.
- know the Law of Conservation of Energy.
- understand the rock cycle and plate tectonics.
- understand the organization of our solar system.
- know how to classify organisms into Domains and Kingdoms based on their characteristics, and that they interact within ecosystems.

College and Career Readiness:

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

Math

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

Science

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

6th Grade School/Parent/Student Compact

ELAR

College and Career Readiness:

- Draw inferences, analyze and evaluate information
- Compose a variety of texts
- 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

Digital Learning:

- Practice effective file management: folder structure, file conversion, naming
- Create and edit files with productivity tools, including:
 - Word processing documents using formatting features
 - Spreadsheet workbooks using formulas and charts
 - Digital publications using graphic design principles

Home Connection:

- Read with students and discuss something they are reading.
- Ask specific questions about their school day.
- Discuss current events around the world. Help students to identify these locations on a satellite map or globe.
- Contact teachers regularly to monitor student's progress*
- Participate in virtual conferences as needed.

Teachers will facilitate learning to ensure successful 6th Grade students will...

ELAR

- summarize the elements of plot in various works of fiction.
- analyze characteristics of argumentative texts.
- analyze, make inferences and draw conclusions about theme.
- analyze the controlling idea and supporting details in a text.
- make connections to personal experiences, ideas in other texts, and society.
- differentiate between primary and secondary sources
- compose texts of different genres.
- edit drafts for grammar, mechanics, and spelling.
- participate in student-led discussions.

Teachers will facilitate learning to ensure successful 6th Grade students will...

SOCIAL STUDIES

- study people, places, and societies of the contemporary world.
- describe the influence of individuals and groups on historical and contemporary events in those societies.
- identify the locations and geographic characteristics of various societies.
- identify different ways of organizing economic and governmental systems.
- understand the concepts of limited and unlimited governments.
- describe the nature of citizenship in various societies
- compare institutions common to all societies such as government, education, and religious institutions.
- explain how the level of technology affects the development of the various societies.
- identify different points of view about events.
- depict frame of reference as an influence on an individual's point of view.

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