

2017-18 CATALOG

MIDDLE SCHOOL



Grades 6-8

Bill Reed Middle School

Conrad Ball Middle School

High Plains School

Lucile Erwin Middle School

Turner Middle School

Walt Clark Middle School



Course Descriptions

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Bill Reed Middle School

Principal- Arnold Jahnke
370 W. 4th St
Loveland, CO 80537
970-613-7200

Environment - Bill Reed Middle School (BRMS) is committed to providing the best possible educational circumstances for students. The shared goal is success for every child. This is achieved in a caring environment that provides educational options, diversity, superior facilities, and a multitude of extracurricular choices. Facilities include an award-winning media center, wireless laptop labs, a classy auditorium that seats 600, two gyms and individual lockers for every student.

LISA - The Loveland area Integrated School of the Arts (LISA) is one educational option for students at BRMS. We support the middle school component of the K-12 arts integration initiative. Since its beginning in the 2007-2008 school year, the program continues to expand in numbers and we have had requests from as far away as Virginia for visitation by schools in process of implementing a similar arts integration program. LISA students have opportunities to explore exciting nine-week visual and performing arts experiences not available anywhere else. Students also work with nationally and internationally known artists-in-residence who ignite their passion. We believe that learning through the arts provides a sense of inspiration, creation and wonder.

Many Options - Our school provides a multitude of activities that engage and empower students - clubs, student government, athletics, visual and performing arts, and academic challenge activities that meet the interest of any student. These include: Student Council, Destination Imagination, Robotics, Math Counts, Drama/Theatre, Boys' and Girls' basketball, Book Club, Swimming and Diving, Chess Club, Cross Country, Volleyball, Wrestling, Jazz Band, Spelling Bee, Boys' and Girls' track, and Welcome Warriors.

Pride Tribe - The Pride Tribe Academic Challenge Program at BRMS helps students be the best they can be. Any student can participate and be successful in this program, which has four levels of achievement. To reach the highest level, students must demonstrate that they have challenged themselves by completing at least three academic challenge activities throughout the year. Students achieving the highest level are recognized in a formal ceremony at the end of the school year.

Conrad Ball Middle School

Principal-Tiffany Miller
2660 N. Monroe Ave
Loveland, CO 80538
970-613-7300

Conrad Ball Middle School (CBMS) has a strong culture of academics that is evidenced through our high level of academic growth for every student, every year. Each student at CBMS takes 70 minutes of the four core classes (language arts, math, science, and social studies) and 46 minutes of two encore classes. These encore classes are choice based, in all three levels and students tend to get their first or second choice. We offer semester long encore classes to enrich students and give them exposure to several areas, in addition to their required core classes. We are proud to offer several art, music, physical education, and technology courses to ensure that all students are enriched and tapping into their personal passion area. Conrad Ball is focused on Project Based Learning (PBL) building-wide and incorporating several projects to engage students that give students the opportunity to collaboration and individual creative thinking.

Our building is currently a 1:1 technology integration school, which allows for students to have immediate access to information and produce evidence of learning in several different ways. We use Schoology as our Learning Management System and have had great success teaching students appropriate technology usage and digital citizenship.

CBMS has been the recipient of a Next Generation grant along with a Counselor Corp grant and will continue with these partnerships for the next three years. Both of these grants support the professional learning for our staff and allow for our students to benefit from quality instruction and innovative classrooms. This type of learning supports our students in becoming college, career, and community ready, after they graduate high school.

Our T-Birds learn about our 8 Habits daily and are assessed on these 8 Habits in each class. Our staff has found that successful lifelong learners exemplify these 8 Habits and we find it powerful to teach these 8 Habits at CBMS: accountability, grit, self-awareness, team work and collaboration, social awareness, organization, critical thinking, curiosity and inquisitiveness.

Something unique to Conrad Ball is our daily advisory time. During this time our students monitor their personal and academic growth through goal setting and checking in with their Advisory teacher. Our advisory classes are small and allow for teachers and students to connect on a different level and build a relationship based upon non-academic competencies and passion areas. Through our advisory time, each student participates in several school-wide projects along with community service projects to ensure that our middle-schoolers are connected to the community and promoting a positive school culture.

Clubs & Extracurricular Activities

We believe clubs and extracurricular activities are a vital part of the middle school experience and encourage all students to stay after school and participate. We offer an Activity Bus twice a week to allow students to stay and benefit from our clubs. Our students have the opportunity to be involved in the following clubs and extracurricular activities: Yearbook, National Junior Honor Society, Art Club, Drama, Student Council, Science Club, Geography Bee, Book Club, Odyssey of the Mind, Chess Club, Lego Robotics, Honor Orchestra, Jazz Band, Girls Gotta' Run, Peer Tutoring, Peer Buddies, Genius iPad Club, Volleyball, Swimming, Diving, Cross Country, Basketball, Wrestling, and Track. **We are proud of our success and go T-Birds!**

High Plains School

Principal-Danielle Feeney
4255 Buffalo Mountain Dr.
Loveland, CO 80538
970-679-9870

Mission: High Plains is an early childhood through eighth-grade STEAM school fueled by innovative and authentic learning opportunities where all members feel safe, valued, and empowered. Students are immersed in the inquiry process while taking risks and engaging in issues facing our community in order to have a positive impact on our world today, tomorrow, and in years to come.

Motto: Charging through failures, Stamping through challenges

Colors: Blue, Black, and Silver

Mascot: Bison

High Plains School offers Early Childhood - Eighth (EC-8) educational programming to ensure excellence in education. An EC-8 school offers seamless transitions between the elementary and middle school grades, and supports the development of long-term relationships with students and families. The qualities of an EC-8 education are:

- Collaboration - In an EC-8 school there is a collective responsibility for the success of all students as they move from primary to intermediate to middle level grades. The structure of an EC-8 school enhances teacher collaboration and articulation within and across grade levels. Teachers collaborate to plan an integrated curriculum that connects learning across a wider range of disciplines and/or grade levels.
- Student Achievement & Responsive Instruction- An EC-8 school's unique structure supports high levels of student achievement. An EC-8 school allows for flexible educational opportunities within and across grade levels. In addition to core classes, students have opportunities for enrichment and intervention.
- Fewer Grade Transitions - An EC-8 school reduces the number of transitions a student experiences during their EC-12 school career. This reduction in transitions supports students by helping them develop long-term relationships with peers and adults. The transition between elementary and middle school is smoother because students can focus on learning instead of learning new building layouts, practices and procedures, and staff.
- Relationships – An EC-8 school supports the development of the whole child by fostering academic achievement and social/emotional well-being. Students, teachers, staff, and families are likely to build and maintain strong relationships over the course of nine years.
- Modeling and Mentoring – An EC-8 structure allows elementary and middle school students to interact and engage through positive experiences that foster leadership abilities in students and develop a shared ownership and responsibility to each other.
- Family Involvement – An EC-8 environment supports a common purpose and safe environment. Parents and community members stay involved in an EC-8 school. The nine year program supports the development of lasting relationships among students, staff, parents, and community members.

Academic Focus: High Plains School provides instruction using a STEAM framework. Teachers design integrative instruction through units and lessons that include cross curricular connections among science, math, history, and arts concepts. Students learn the skills and knowledge in these content areas to support their reading, writing, and communication skills but then take that knowledge to an application level in an effort to help them understand why they are learning what they are learning. Technology and the engineering design process are taught to and used by students to apply their content learning in real world, relevant, and meaningful ways through a problem based learning approach (PBL). Students create and design new products or experiences to solve relevant, real-world problems. Through this (PBL) problem based approach students develop their critical thinking skills, local and global awareness, and communication and collaborative skills. A STEAM framework and problem based learning approach sparks students' creativity and helps them develop character traits such as perseverance, responsibility, and citizenship that will serve them well throughout their life.

In addition to core subject areas of math, science, language arts, and social studies, High Plains Middle School students participate in choir and/or band, physical education, art, and technology courses. Each content teacher strives to include cross-curricular connections that allow students to identify connections and application opportunities between content and concepts.

Middle school students also are enrolled in an advisory course and STEAM period. The advisory course allows students to develop relationships with their peers and identify the social and emotional skills that support their learning and ability to work with others. Students choose areas of passion to explore during their STEAM period. The STEAM period provides students with opportunities to explore fields they may encounter in the areas of science, technology, engineering, arts, and mathematics.

Clubs and Extracurricular Activities: We encourage our students to follow their passions and identify opportunities to impact their school and community inside and outside of the school day. Middle school students may participate in Student Council, Yearbook and Publications, Destination Imagination, Chess Club, Lego Robotics, Art Club, Spelling Bee, Girls on the Run, Volleyball, Cross Country, Boys and Girls Basketball, and Track and Field. New clubs and extracurricular activities may be added as the school year continues.

Bison RESPECT: To impact others and their world it is necessary that students develop "soft skills". At High Plains School we embed, encourage, and recognize Bison RESPECT all throughout the school day. All members of our school community strive to show that we are:

Responsible
Empathetic
Safe
Persevering
Empowered
Curious
Trustworthy

Parent Involvement: Parents, above all else, are the strongest factor in a child's success. We encourage and appreciate the support of parents, whether that comes in the form of sharing their time, talents, or resources.

Lucile Erwin Middle School

Principal-Tim Ridder
4700 Lucerne Ave
Loveland, CO 80538
970-613-7600

Mission: Our mission is focused on the ABCs: personal and student **accountability** for a standard of excellence; instructing students using research-based **best practices** that have proven to raise student achievement; and building a **culture** of PRIDE recognizing and rewarding positive behaviors and actions.

Climate: We have a staff that is driven to provide the best education possible for our students. PRIDE is the acronym for our PBIS program and we believe in being **Positive**, being **Respectful**, having **Integrity**, being self-**Disciplined**, and striving for **Excellence**.

Description: We believe in a holistic approach to educating our students. We encourage our students to be active participants in their education and to participate in the many extracurricular activities that are offered at LEMS. We are a caring community that has high expectations for the success of our students. We are very proud of our students and staff and we support each other in all of our efforts.

Focus: Authorized as an International Baccalaureate School representing the Middle Years Program, we focus on giving our students an international awareness and understanding of other cultures. We are committed to creating a caring, compassionate, accepting community and have been recognized as a No Place for Hate School. Our exemplary PRIDE classes have exciting offerings which currently include Give Next, MESA, Wildcat Graphics, Coding HS, Culture Club, Hidden Treasures, Jazz Band, Fuel Up to Play 60, Drama Club, Artists' Studio, Erwin Knitters, Advanced Chamber Strings, Fantasy Sports, Sports Science, Sewing 4 Hearts and Greenhouse.

Offerings: One of the components of the MYP International Baccalaureate program is to provide world language to every student. French and Spanish are both offered. We also offer a variety of athletics, extracurricular activities and competitions to engage and challenge all levels of learners. Activities include MESA, Odyssey of the Mind, Forensics and Lego Robotics. We have won many athletic league championships in basketball, track, cross-country and swimming. More than fifty percent of our students are involved in instrumental and vocal music as well as drama productions.

Turner Middle School

Principal-Derrick Martin
950 Massachusetts Ave
Berthoud, CO 80513
970-613-7400

Name/History: Turner Middle School (TMS) opened in 1920 as Berthoud High School until 1981 when the present high school was opened. The school is named after Robert Turner who came to Loveland in 1969 to work as an administrator for Thompson Schools. He became superintendent in 1980 and retired in 1983.

Mission Statement: To prepare all students for success as productive citizens and lifelong learners.

Academic focus – While Turner Middle School is a STEAM school, we recognize that importance of developing the whole child. Our STEAM focus can be seen in our emphasis on project-based learning. As part of each academic day, all kids take a “Core-X” class with each possessing project-based learning elements. Computer coding; Creating TED Talks; Music Composition; Mythology; Geometry and Art; Constructing Earthquake-Resistant Homes; Turner School Newspaper and digital media (“That One News Show” via YouTube) are just a few examples of the Core-X courses offered at Turner. Other electives courses include Vex and Lego robotics, Family and Consumer Sciences, computer applications, PE and music/chorus.

Across all curriculums, our teachers focus on incorporating critical thinking strategies. Our Professional Learning Communities revolve around critical thinking and how to help students think logically. As a math focus school, selected students who enter the program have an opportunity to complete geometry by the end of their 8th grade year. Students spend time in our math project lab which gives them experiential learning in a real-life format.

"Student first" attitude - We are a school that focuses on what is best for our students' success. Our mission is to prepare all students for success as productive citizens and lifelong learners. Turner Middle School has a caring staff and is constantly challenging students through critical thinking and rigorous instruction.

Positive Behavior Support - Our school believes in rewarding students for positive behavior. The staff at Turner teaches students how to be a "PRO," which stands for **P**erseverance, **R**espect, and **O**wnership. We recognize students through Student of the Month, kindness awards, dragon tokens, positive referrals, and positive postcards that are mailed home.

Extracurricular activities - Turner Middle School has a wide variety of extracurricular activities including sports, yearbook, drama, art, orchestra and a host of after-school enrichment clubs. All students can sign up for enrichment activities including Chess Club; Computer Coding and App Design; Muscle Lab; Math Counts; Artisans and Design Club; Girls STEM; Shop and Mechanics; Math, Engineering, Science and Design (MESA); Orchestra and 6-8 athletics.

Strong community support - There are several different ways to be involved as a parent at Turner Middle School. Our parents created a PRIDE organization that supports Turner students. We also have a VITAL group, which stands for Volunteers in Thompson Accentuating Learning.

Walt Clark Middle School

Principal-Christine Smith
2605 Carlisle Dr.
Loveland, CO 80537
970-613-5400

Name/History

The middle school is named after Mr. Walt Clark, a teacher and coach at Loveland High School from 1944-1966. The school opened in the fall of 1967.

Vision

Walt Clark Middle School will be an **exemplary** STEM (Science Technology Engineering Mathematics) school.

Mission

Walt Clark Middle School will consistently demonstrate through implementation of 21st century skills, disciplinary literacy instructional practices, and student-centered learning opportunities a comprehensive STEM experience to prepare students to be community, college and career ready.

The instructional focus at Walt Clark Middle School

- provides rigorous and relevant curriculum in all content areas;
- establishes relevancy and exploration of college and career pathways;
- cultivates and sustains community connections; and
- embeds 21st century skills and practices to build proficiency for workforce readiness.

Culture and climate

Walt Clark Middle School prides itself on establishing positive relationships with each and every student who walks our halls. We utilize the PBIS (Positive Behavior Intervention Support) model in every school setting and recognize students for their hard work and respectful character throughout the school day. Recognitions include the Principal's 100 Club, Kindness Awards, Caught You Caring, Sub Club, and Cougar Cash rewards. Our goal with the PBIS model is to have each student in our building experience success, both academically and social-emotionally, in every setting.

To help guide students in their day-to-day interactions in the classroom, hallways, cafeteria, and extra-curricular activities, we refer to our building motto of "**A Cougar ROARS.**" Walt Clark Cougars practice **R**espect, **O**rganization, an **A**ttitude for Success, **R**esponsibility, and **S**afety. This motto is the foundation for teaching students our expectations within our school as well as building character traits that will serve them throughout life.

STEM Building Focus

In addition to a rigorous academic curriculum, students at Walt Clark engage in STEM-focused learning and activities across all curriculum areas that utilize the Design Cycle model. Students also have unique opportunities each semester to participate in specific STEM projects during our Advisory periods. Students have a wide variety of STEM projects to choose from, and spend time each week completing investigations, experiments, and exploring a wide range of topics in engineering, art, and technology.

Greenhouse Effect

One aspect that is completely unique to Walt Clark is our Greenhouse Program. Students in all grade levels are given the opportunity, either through our Green Team extra-curricular club or Greenhouse Management class, of growing and maintaining plants. Each spring during our annual plant sale, most of the fruits of their labor are sold to the public to raise money to support the program and provide students relevant experiences in the STEM field of horticulture. Students are involved in hands-on experiences that are a direct result of what they learned in the classroom.

Athletics

Walt Clark offers both a varsity athletics program as well as intramural opportunities for students who are still developing athletic skills. Student athletes are taught to be representatives of our school and community, and demonstrate sportsmanship, grit and perseverance throughout the year. Our teams regularly compete for championships in cross country, swimming, volleyball, basketball, wrestling and track. Through both varsity and intramural programs, Walt Clark is able to provide students a chance to connect with our school, which in most cases leads to improved performance in the classroom, as well as competitive experiences to support their endeavors to pursue high school athletics.

ART



ART I

6th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

Art I courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Special attention is placed on characteristics and expressive features of art and design, including the elements of art.

ART II

7th Grade – HPS, LEMS, TMS, WCMS

Art II courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Special attention is placed on learning the principles of design, exploring artist intent, and building craftsmanship skills.

ART III

8th Grade – HPS, LEMS, TMS, WCMS

Art III courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Special attention is placed on creating innovative works of art and achieving artistic purpose to communicate intent.

2-D ART

7th, 8th Grade – BRMS, CBMS

2-D Art courses will focus on a wide range of technique, skill, and the use of several mediums. Using the tools, tricks and techniques of professional artists, students will create people and objects that leap off the page. From sketchbook to final composition, students will share their ideas by using lines, colors, composition and perspective. Each student will complete a collection of original artwork that tells the story of their artistic journey. This class is designed for those students who enjoy art and want to tighten up their technique for further high school and college art education classes.

3-D ART

7th, 8th Grade – BRMS, CBMS

3-D Art courses give students the opportunity to take their art ability to the next level. This class offers a wide range of technique, skill, and the use of several mediums. We create cast arms, masks, clay sculptures, gargoyles, and other three dimensional works. We will look at different artists and study the techniques they mastered. The class will support each other by providing critical feedback and reflect on their growth after each unique technique is tried. This class is designed for those students who enjoy art and want to strengthen their technique for high school and college art education classes.

TECHNOLOGY, ENGINEERING & DESIGN (TED)



FACS 1, 2, 3

6th, 7th, 8th Grade – BRMS, CBMS, TMS

7th, 8th Grade – LEMS, WCMS

Family and Consumer Science—Comprehensive courses are inclusive studies of knowledge and skills that are useful for the efficient and productive management of the home.

Course topics typically include foods and nutrition; clothing; child development and care; housing design, decoration, and maintenance; consumer decisions and personal financial management; and interpersonal relationships.

TED – TECHNOLOGY, ENGINEERING & DESIGN 1, 2, 3

6th, 7th, 8th Grade – BRMS, CBMS, TMS, WCMS

7th, 8th Grade – LEMS

Tech Engineering and Design (TED): This semester course aims to provide students an opportunity to become inquirers, thinkers and open-minded, skillful problem solvers through the use of the IB Design Cycle in completing STEM based projects. TED seeks to engage learners and provide real-world learning opportunities to expose them to possible careers paths involving Science, Technology, Engineering, and Math.

CFS AND TED

6th Grade - WCMS

This course exposes students to both Consumer Family Studies and Technology, Engineering & Design. By blending both classes, students will be exposed to the foundations of both content areas: nutritional health and hospitality as well as pre-engineering. Each class is offered for a quarter instead of the full semester to allow students the time to really know what each class entails.

GREENHOUSE MANAGEMENT

6th, 7th, 8th Grade - WCMS

This course is designed to engage middle school students in managing a greenhouse operation. Students in this class will learn to produce various landscaping and edible plants. An understanding of crop selection, growing systems, and business factors will be explored. As our population focuses on healthy, sustainable living, the importance of quality food production and effective landscaping increases in importance. Today's agriculture students are preparing to meet the needs of a changing world.

LEGO ROBOTICS 1

6th, 7th, 8th Grade - TMS

This class is a “hands on” exploration of robotics and its role in our world today and ideas for its future. Students will have the opportunity to build, program and test the results of their constructing of units that are executed with specific tasks designed by LEGO Robotics. The class will include researching, discovering, inventing, planning and the building of ideas that might change the future. Join in the adventure of using engineering, math, science and technology that will shape your future.

VEX ROBOTICS 2

6th, 7th, 8th Grade - TMS

This class will be using the VEX Robotics system to expand students learning about areas rich with career opportunities spanning science, technology, engineering and math (STEM). These are just a few of the many fields students can explore by creating with VEX Robotics technology. Beyond science and engineering principles, a VEX Robotics project encourages teamwork, leadership and problem solving among groups. VEX is the next level after exploring Lego Robotics.

LANGUAGE ARTS



LANGUAGE ARTS 1

6th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

The Language Arts 1 course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Students will be exposed to complex text and literature that challenges them at and beyond their grade level. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes.

LANGUAGE ARTS 2

7th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

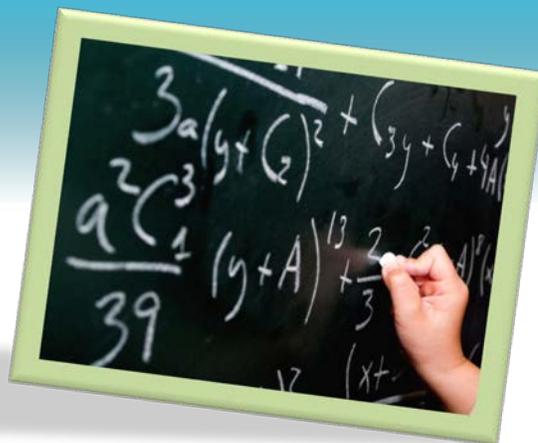
The Language Arts 2 course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Students will be exposed to complex text and literature that challenges them at and beyond their grade level. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections.

LANGUAGE ARTS 3

8th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

The Language Arts 3 course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Students will be exposed to complex text and literature that challenges them at and beyond their grade level. Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections.

MATHEMATICS



MATH 1

6th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

Math 1 courses emphasize a balanced combination of procedure and conceptual understanding focusing in four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking. This critical content will be engaged by use of the eight national mathematical practice standards to facilitate students' ability to transfer and apply their mathematical knowledge to new and known routine situations.

MATH 2

7th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

Math 2 courses emphasize a balanced combination of procedure and conceptual understanding focusing in four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples. This critical content will be engaged by use of the eight national mathematical practice standards to facilitate students' ability to transfer and apply their mathematical knowledge to new and none routine situations.

MATH 3

8th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

Math 3 courses emphasize a balanced combination of procedure and conceptual understanding focusing in three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. This critical content will be engaged by use of the eight national mathematical practice standards to facilitate students' ability to transfer and apply their mathematical knowledge to new and none routine situations.

MATH 1.5

6th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

Math 1.5 courses are part of a telescoped pathway. The students will cover all of the standards and content of Math 1 and half of the standards and content of Math 2

MATH 2.5

7th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

Math 2.5 courses are part of a telescoped pathway. The students will cover the second half of the standards and content of Math 2 and all of the standards and content of Math 3.

ALGEBRA I

8th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

Algebra I courses emphasize a balanced combination of procedure and conceptual understanding focusing four critical areas: 1) using functions to model situations where one quantity determines another and can be represented algebraically, graphically, and using tables 2) modeling and solving quantitative relationships in the real world using functions 3) representing expressions in multiple, equivalent forms 4) developing solutions to equations, inequalities and systems of equations using a variety of tools. This critical content will be engaged by use of the eight national mathematical practice standards to facilitate students' ability to transfer and apply their mathematical knowledge to new and none routine situations.

MUSIC



BAND 1, 2, 3

6th, 7th, 8th Grade – *BRMS, CBMS, HPS, LEMS, TMS, WCMS*

General Band courses develop students' technique for playing brass, woodwind, and percussion instruments and cover a variety of non-specified band literature styles (concert, marching, orchestral, and modern styles).

ORCHESTRA 1, 2, 3

6th, 7th, 8th Grade – *BRMS, CBMS, LEMS, WCMS*
After school club - *TMS*

Orchestra courses are designed to develop students' abilities to play brass, woodwind, percussion, and string instruments, covering a variety of string and orchestral.

CHOIR/CHORUS 1, 2, 3

6th, 7th, 8th Grade – *BRMS, CBMS, HPS, LEMS, TMS, WCMS*

Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.



MUSICAL THEATRE

6th, 7th, 8th Grade - *BRMS*

This course deals with the exploration and study of musical theater performers, performances, Broadway theater history, and preparation of musical theater repertoire for performance. Students will experience the areas of acting, singing and dance working their way to becoming a triple threat!

PHYSICAL EDUCATION & HEALTH



PHYSICAL EDUCATION/HEALTH 1, 2, 3

6th, 7th, 8th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

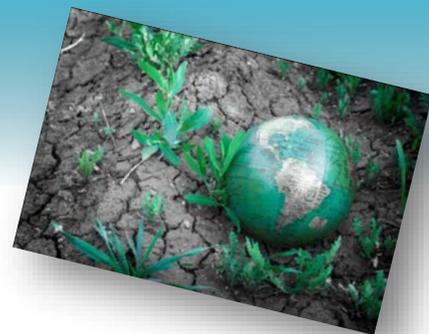
Physical Education courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included.

LIFETIME SPORTS

6th, 7th, 8th Grade - CBMS

This Lifetime Sports class was designed for those students who want to take PE all year. The class focus is to be active for the full period. Team sports are an integral part of this special course. We also go in depth with what each position does in a specific sport.

SCIENCE



SCIENCE 1

6th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

This course builds a strong foundation that integrates all three domains Earth, Life, and Physical. The performance expectations may include cells, molecules, cycling of matter, energy transfer, Earth processes, and human impact. Students will also engage in science and engineering practices throughout the course.

SCIENCE 2

7th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

The Science 2 course builds upon students' prior knowledge across all three domains Earth, Life, and Physical. Students will transfer and apply prior knowledge to more complex concepts. The performance expectations are organized so that student understanding of concepts is built progressively throughout the course. These may include molecules, interactions within the body, genetics, ecology, energy, and human impact. Students will also engage in science and engineering practices throughout the course.

SCIENCE 3

8th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

The Science 3 course builds upon students' prior knowledge across all three domains Earth, Life, and Physical. Students will transfer and apply prior knowledge to more complex and unique situations. The performance expectations are organized so that student understanding of concepts is built progressively throughout the course. These may include energy, waves, solar system forces, weather, chemistry, and human impact. Students will also engage in science and engineering practices throughout the course.

SOCIAL STUDIES



SOCIAL STUDIES 1

6th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

Social Studies 1 provides a greater understanding of social studies inquiry, including history, geography, civics and government, and economics within the study of the Western Hemisphere. This course focuses on the history, culture, and government of various specific world societies in North, Central, and South America. Students develop skills used in the social studies disciplines. Specific content aligns with state standards for grade 6.

SOCIAL STUDIES 2

7th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

Social Studies 2 provides continued development of understanding and skills in the social studies including history, geography, civics and government, and economics within the study of the Eastern Hemisphere. This course focuses on the history, culture, and government of various specific world societies in Europe, Africa, and Asia. Students develop skills used in the social studies disciplines. Specific content aligns with state standards for grade 7.

SOCIAL STUDIES 3

8th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

Social Studies 3 provides continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. This course covers the time periods from the birth of the United States of America through Reconstruction after the Civil War. Specific content aligns with state standards for grade 8.

WORLD LANGUAGES



Thompson School District World Languages course prepare students to

- communicate in more than one language in order to function in a variety of situations and for multiple purposes;
- interact with cultural competence and understanding by using the language to investigate, explain and reflect on the relationship among the products, practices and perspectives of the cultures studied;
- connect with other disciplines and acquire information and diverse perspectives to critically think and solve problems creatively in order to use the language to function in academic and career-related situations as well as daily life;
- develop insight into the nature of language and culture in order to interact with cultural competence through the comparison of the language and cultures studied and their own;
- communicate and interact with cultural competence in order to participate and collaborate in multilingual communities at home and around the world for career-related purposes as well as using language for enjoyment and enrichment.

Intro to World Languages

6th Grade – One Semester of French & One Semester of Spanish

Proficiency Target: Novice-low

Intro to World Languages is a one-semester course that offers students an opportunity to begin to learn both French and Spanish at basic proficiency level before choosing one language for further study in Grade 7 and Grade 8. Students will perform listening, speaking, reading and writing 21st century global communicative tasks as they discover the different cultures, including the arts, foods, music and daily life of the French and Spanish speaking world. Students will also make connections to other disciplines such as math, history and science, as well as sharpen their languages art skills in their own language.

Students will perform interpersonal, interpretive and presentational communicative speaking, reading, writing and listening tasks within the **novice-low range** on the ACTFL Proficiency scale by:

- using the language to investigate, explain, and reflect on the relationship among the practices, products and perspectives of the new cultures studied;
- building, reinforcing, and expanding their knowledge of other subjects while using the language to think critically and creatively to solve problems;
- acquiring information and accessing multiple perspectives that are available through the language and its cultures;
- developing a better understanding of one's own language and culture;
- using the language both within and beyond the school setting to work collaboratively as they connect to the globalized world.

Upon completion of Introduction to World Language

French 1A, Spanish 1A

7th Grade

Proficiency Target: Novice-mid

Level 1A in both French and Spanish is the equivalent of the first semester of Level I world language at high school

Students will perform interpersonal, interpretive and presentational communicative speaking, reading, writing and listening tasks within the **novice-mid range** on the ACTFL Proficiency scale by:

- using the language to investigate, explain, and reflect on the relationship among the practices, products and perspectives of the new cultures studied;
- building, reinforcing, and expanding their knowledge of other subjects while using the language to think critically and creatively to solve problems;
- acquiring information and accessing multiple perspectives that are available through the language and its cultures;
- developing a better understanding of one's own language and culture;
- using the language both within and beyond the school setting to work collaboratively as they connect to the globalized world.

Upon completion of French 1A or Spanish 1A, students will take either French 1B or Spanish 1B Grade 8.

French 1B, Spanish 1B

8th Grade

Proficiency Target: Novice-mid

Level 1B in both French and Spanish is the equivalent of the second semester of Level I world language at high school. Students will perform interpersonal, interpretive and presentational communicative speaking, reading, writing and listening tasks within the **novice-mid range** on the ACTFL Proficiency scale by:

- using the language to investigate, explain, and reflect on the relationship among the practices, products and perspectives of the new cultures studied;
- building, reinforcing, and expanding their knowledge of other subjects while using the language to think critically and creatively to solve problems;
- acquiring information and accessing multiple perspectives that are available through the language and its cultures;
- developing a better understanding of one's own language and culture;
- using the language both within and beyond the school setting to work collaboratively as they connect to the globalized world.

Upon successful completion of French 1B or Spanish 1B, students are eligible to take either French II or Spanish II in ninth grade. Students may also decide to take German I.

Resources to help you learn more about 21st century world language learning:

[TSD World Languages website](#)

COMPUTER LITERACY



Desktop Publishing

6th Grade – HPS, LEMS, TMS, WCMS

6th, 7th, 8th Grade – BRMS

This course aims to provide the means and the context to help students become inquirers, thinkers and open-minded skillful problem solvers through the lens of human ingenuity and the design cycle using information and systems technology. This class will give students an opportunity to review and practice keyboarding skills and learn how to use the internet more effectively while learning various desktop publishing programs to produce creative and innovative projects.

Multi-Media I

7th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

This course aims to provide the means and the context to help students become inquirers, thinkers and open-minded skillful problem solvers. Students will be challenged throughout the semester to solve real world problems. This class will give students the opportunity to explore the many dimensions of desktop publishing productions. Students will: learn graphic design elements, photo-editing basics, storyboarding, internet safety, computer literacy, visual literacy, digital story-telling and introduction to coding.

Multi Media II

8th Grade – BRMS, CBMS, HPS, LEMS, TMS, WCMS

This long course aims to provide the means and the context to help students become inquirers, thinkers and open-minded skillful problem solvers. Students will be challenged throughout the semester to solve real world problems. This class will give students the opportunity to explore the many dimensions of multimedia productions. Students will: learn graphic design elements, photo-editing basics, produce a short documentary, develop their musical talents through the production of a musical composition, strengthen their information literacy skills through research, along with an introduction to coding.

Below is a typical schedule. Each middle school designs a schedule that meets their style and area of focus. The purpose of this example is to give an overview of a typical schedule might look like. The number of core and exploratory classes available to your child vary per school. For more information contact your school for a more specific schedule.

11-12 Walt Clark Middle School <small>2601 Carlisle Drive, Loveland, CO 80537</small> <small>Generate on 03/19/2012 10:42:58 AM Page 1 of 1</small>		Student Schedule For <small>Grade: 06 Student Number: 000000</small> <small>Term: 51 52 Courses enrolled: 14</small> <small>Mailing Address: 1234 Main St., LOVELAND, CO 80137</small>	
Term 51 (08/22/2011-01/08/2012)			
01	07:23 AM-08:14 AM 3000-1 Science 6 S1 Arrington, Robert Rm: 44 X1518	SAMPLE SCHEDULE	
02	08:14 AM-09:05 AM 7612-1 Physical Education 6th Kelly, Paul Rm: Gym X100		
03	09:05 AM-09:56 AM 7600-2 Health 6th Weinland, Cheryl Rm: 20 X1538		
04	09:56 AM-11:16 AM 2206-4 Pre Foundations Algebra I S1 Smith, Matthew Rm: 47 X1548		
05	11:16 AM-12:07 PM 4000-4 Social Studies 6 S1 Custer, Chad Rm: 45 X1547		
06	12:07 PM-01:49 PM 1200-3 Literacy 6 S1 Croft, Dianna Rm: 46 X1517		
07	01:49 PM-02:45 PM 6000-1 Band I S1 Crisman, Andy Rm: 1 X1504		
08			
Term 52 (01/09/2012-05/25/2012)			
01	07:23 AM-08:14 AM 4001-1 Social Studies 6 S2 Custer, Chad Rm: 45 X1547		
02	08:14 AM-09:05 AM 2207-2 Pre Foundations Algebra I S2 Smith, Matthew Rm: 47 X1548		
03	09:05 AM-09:56 AM 7004-2 Intro to Foreign Language Mannion, Paul Rm: 26 X1535		
04	09:56 AM-12:07 PM 1201-2 Literacy 6 S2 Croft, Dianna Rm: 46 X1517		
05	12:07 PM-12:58 PM 5500-4 Computer Literacy 6th Miller, Solomon Rm: 22 X1537		
06	12:58 PM-01:49 PM 3001-4 Science 6 S2 Arrington, Robert Rm: 44 X1518		
07	01:49 PM-02:45 PM 6001-1 Band I S2 Crisman, Andy Rm: 1 X1504		
08			