

2023 Summer School Cold Water

Purpose

Our summer school programming will be an opportunity for Cold Water Elementary to support our students learning during the summer months. This will allow us to close any instructional gaps that some of our students may have. In order to recruit families and create a positive and engaging learning environment, we're going to have curricula that matches student interest while focusing on essential standards.

Session	Dates	Times	Criteria for Attendance	Instructional Components
Summer School Program	June 12- June 30	8:50-2:00 Monday- Friday No School on June 19	<ul style="list-style-type: none">- All students entering K-6th grade are invited to attend.- We will be formally requiring students to attend based on the following criteria:<ul style="list-style-type: none">- 80% or less attendance during the 2022-2023 school year- Not meeting proficiency or appropriate growth	<ul style="list-style-type: none">- All students will receive PE/Structured Play and Social-Emotional Learning/Character Ed as special area courses.- We will have both a reading and math specialist to meet with small groups of students and close learning gaps.- Students will have an IXL account that will be able to work with

			<p>expectations on district assessments</p> <ul style="list-style-type: none">- Students with Reading Improvement Plans	<p>students on their ability level.</p> <ul style="list-style-type: none">- There will be a pre and post-assessment for the reading and math courses. IXL usage and data will also be evidence of student progress.- Depending on student enrollment, mixed grade level classrooms may be used to have diverse student groupings based on student data and achievement.- Units/courses will be thematic with a focus on essential standards. Each student will have an ELA and Math/STEM based course.- For students meeting grade level expectations, they will receive some foreign language acquisition with a Spanish teacher.
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Summer School Program Staffing Needed

Staff	Number	Starting Hourly Wage	Total Pay (100 hours for support staff)
Secretary	1	Starting at \$15 an hour	\$1,500
Building Aides (1 BA will teach Spanish, 1 BA will provide classroom coverage)	2	Starting at \$15 an hour	\$3,000
Clerk	1	Starting at \$15 an hour	\$1,500
Sunny Start Teachers	1 (dependent on enrollment)	\$4160 (\$3360 stipend and 20 hours of training at \$40 an hour)	\$4,160
Sunny Start TA	1 (dependent on enrollment)	Starting at \$15 an hour	\$1,500

Classroom Teachers	6 (dependent on enrollment)	\$4160 (\$3360 stipend and 20 hours of training at \$40 an hour)	\$24,960
PE Teacher	1	\$4160 (\$3360 stipend and 20 hours of training at \$40 an hour)	\$4,160
Counselor/ Character Ed teacher	1	\$4160 (\$3360 stipend and 20 hours of training at \$40 an hour)	\$4,160
Reading Specialist	2	\$4160 (\$3360 stipend and 20 hours of training at	\$8,320

		\$40 an hour)	
Math Interventionist	1	\$4160 (\$3360 stipend and 20 hours of training at \$40 an hour)	\$4,160
Total Cost	\$57,420		

Summer School Structure of the Day

	Sunny Start (K)	1st	2nd	3rd	4th	5th
Breakfast/Arrival	8:40-8:50					
Course 1	8:50-11:05	8:50-11:05	8:50-11:05	8:50-11:05	8:50-11:05	8:50-11:05
Course 2	11:05-1:20	11:05-1:20	11:05-1:20	11:05-1:20	11:05-1:20	11:05-1:20
Physical Education	11:10-11:40	11:50-12:20	12:30-1:00	9:10-9:40	9:50-10:20	10:30-11:00
Character Education	9:50-10:20	9:10-9:40	10:30-11:00	11:50-12:20	11:10-11:40	12:30-1:00
Lunch/Dismissal	1:20-1:50					

Dismissal	1:50
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Course Descriptions

Sunny Start (Incoming Kindergarten) Kindergarten Academy

This program will serve as an introduction to kindergarten to prepare our youngest students for the routines and expectations for the beginning of their K-12 education.

First

<p>ELA (Character Education will be 30 minutes of ELA time)</p>	<p>I Am Awesome</p> <p>Discover just how awesome you are! In this course students will identify qualities, relationships, and skill that make them special. They will explore “what they want to be when they grow up” based on their interests. This course covers kindergarten English Language Arts learning standards.</p>	<p>Storybook STEM</p> <p>Novel Engineering is an integrated approach to teaching engineering and literacy. As part of Novel Engineering, students develop projects based on texts they read in English Language Arts or other content classes, such as history. The characters become their clients, and students pull from the text to scope problems and set</p>	<p>American Warriors</p> <p>Who are the people who have helped to change America? How do ordinary people become a part of history? In this class we will study some of the people who have changed the course of American history, such as George Washington, Martin Luther King, Jr. and Susan B. Anthony.</p>
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		constraints as they engage in engineering design.	
Math (Physical Education will be 30 minutes of math time)	<p>Farm Animals</p> <p><i>The learning objective being taught is to reinforce existing math concepts to strengthen remedial mathematics knowledge through thematic activities. Math concepts are being taught to teach students about where Farm animals come from. Math concepts are being taught to teach students about how do farms work, and why are they important? Math concepts are being taught to teach students will know about the names of farm animal adults and babies. Math concepts are being taught to teach students about why do sls that are domesticated, can be used as a food source for</i></p>	<p>Place Value</p> <p>In this course, students grapple with comparative word problem types. Next, they extend their understanding of and skill with tens and ones to numbers to 100. Students also extend their learning to the numbers to 120 to add and subtract.</p>	

	humans and they can be used as tools to make our lives better.		
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Second			
<p>ELA (Character Education will be 30 minutes of ELA time)</p>	<p>Intro to Chapter Books Students will have fun exploring reading through a chapter book and other non-fiction and fictional stories. A culminating project and hands-on activities/experiments will enhance the reading. The purpose of this class is to increase reading comprehension and vocabulary while also incorporating some elements of science. Students will be able to ask and answer relevant questions, support answers with details from the text, and improve an understanding of vocabulary as they</p>	<p>Storybook Engineers Novel Engineering is an integrated approach to teaching engineering and literacy. As part of Novel Engineering, students develop projects based on texts they read in English Language Arts or other content classes, such as history. The characters become their clients, and students pull from the text to scope problems and set constraints as they engage in engineering design. Inspired by kids and grounded in research, Novel</p>	<p>Dream Vacations Vacations enable a traveler to explore different regions, cultures, and attractions. Whether a child or adult, vacations are exciting, as they allow travelers to create experiences they would otherwise not have the opportunity to do in their everyday lives. However, vacations also require quite a bit of research and planning. This curriculum will allow students to experience the process of planning a dream vacation within the United</p>

	<p>read through the book. The students will also be able to plan and conduct simple investigations to answer questions and make qualitative observations before, during and after reading the book. As the district prepares students to become lifelong learners, reading comprehension at the lower grades is crucial. This will be an opportunity for early readers to explore science related themes through reading. Research has shown boys score significantly lower in reading and this course will grow their love for reading. This course fits into the first goal of increasing student achievement (Integrate PK-12</p>	<p>Engineering is an innovative approach to integrate engineering and literacy in elementary and middle school. Students use existing classroom literature -stories, novels, and expository texts - as the basis for engineering design challenges that help them identify problems, design realistic solutions, and engage in the Engineering Design Process while reinforcing their literacy skills.</p>	<p>States. It will also enable students to experience real-world concepts such as budgeting and time management, as well as advertising techniques. This project should spark interest in exploring new destinations for the students.</p>
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	vertically-aligned and cross-curricular STEAM learning systems.)		
Math (Physical Education will be 30 minutes of math time)	Time, Shapes, and Fractions In this course, students extend their understanding of part-whole relationships through the lens of geometry. As students compose and decompose shapes, they begin to develop an understanding of unit fractions as equal parts of a whole.		

Third			
ELA (Character Education will be 30 minutes of ELA time)	Music Evolution What kind of music do you listen to? Where did it come from? When did your favorite genre emerge? Trace the history of music across the decades as you learn about different types of music, musicians, and instruments.	Across America Students will learn reading strategies to increase comprehension through a 4-week trip across the United States. Through the duration of the course, students will read text sets, watch videos, and analyze infographics. Students will create a daily travel log about their trip and the landmarks they visited along the way.	All About Missouri <i>All About Missouri</i> is an introductory course about Missouri. Students will be able to compare and contrast the different regions of Missouri, while learning about famous Missourians. The course combines social studies with ELA skill
Math (Physical Education)	Geometry and Measurement This course offers students intensive practice with word problems, as well as hands-on investigation experiences with geometry and perimeter. The		

will be 30 minutes of math time)	course begins with solving one- and two-step word problems based on a variety of topics studied throughout the year, using all four operations. Next students explore geometry. Students tessellate to bridge geometry experience with the study of perimeter. Line plots help students draw conclusions about perimeter and area measurements. Students solve word problems involving area and perimeter using all four operations. The course concludes with a set of engaging lessons that briefly review the fundamental Grade 3 concepts of fractions, multiplication, and division.
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Fourth		
ELA (Character Education will be 30 minutes of ELA time)	<p>Haunted Houses Do you love to be scared? Are you a scary movie fanatic? Where do these stories come from? Are ghosts real? What makes a scary story believable? This course will study the history of famous haunted houses and horror stories to figure out what makes them stick. Students will also have the opportunity to produce scary stories of their own.</p>	<p>Fix It Have you ever read a story and noticed that the characters had some real problems that needed fixing? Join the “Fix it” team and design a solution to help your favorite characters solve their problems. In this course, Students will work in teams identify problems, brainstorm solutions, and make their ideas come to life by building a solution to the character’s problems. Remember, Teamwork makes the Dream work!</p> <p>Novel Engineering is an integrated approach to teaching engineering and literacy. As part of Novel Engineering, students develop projects based on texts they read in English Language Arts or other content classes, such as history. The characters become their clients, and students pull from the text</p>

		to scope problems and set constraints as they engage in engineering design.
Math (Physical Education will be 30 minutes of math time)	Angles and Measurement This course introduces points, lines, line segments, rays, and angles, as well as the relationships between them. Students construct, recognize, and define these geometric objects before using their new knowledge and understanding to classify figures and solve problems. With angle measure playing a key role in their work throughout the module, students learn how to create and measure angles, as well as create and solve equations to find unknown angle measures. In these problems, where the unknown angle is represented by a letter, students explore both measuring the unknown angle with a protractor and reasoning through the solving of an equation. Through decomposition and composition activities as well as an exploration of symmetry, students recognize specific attributes present in two-dimensional figures. They further develop their understanding of these attributes as they classify two-dimensional figures based on them.	

Fifth		
ELA (Character Education will be 30 minutes of ELA time)	<p style="text-align: center;">Meet Me In St. Louis</p> <p>Understanding the significance of where you live is essential to becoming a productive citizen. Researching and understanding historical and modern attractions in your area can help you to persuade tourists to spend their hard earned vacation dollars in your town. This curriculum will help students to create a persuasive project to bring tourists to St. Louis. First, students will be asked to work within the</p>	<p style="text-align: center;">Heros's Journey</p> <p>What makes a hero? Throughout history people have been fascinated with tales of heroes. Even today we flock to see movies about superheroes and their adventures. This course will explore the concept of what makes hero and why people across the world love to follow a hero's journey. We will look at super heroes, classic mythology heroes, and even real life heroes to find out what makes a hero.</p>

	<p>confines of a budget to create a vacation that appeals to a family of four. Secondly, the students will be required to create a project that persuades out-of-towners to travel to St. Louis. Students will incorporate their knowledge of St. Louis by building a 250th Birthday Cake encompassing the attractions that they are using to sway tourist to the St. Louis area. Students will present their findings and end products to community members that support tourism in the St. Louis area e.g. Chamber of Commerce, travel agencies, advertising agencies, parents, and members of the Hazelwood School district.</p>	
<p>Math (Physical Education will be 30 minutes of math time)</p>	<p style="text-align: center;">Problem Solving</p> <p>In this course, students develop a coordinate system for the first quadrant of the coordinate plane and use it to solve problems. Students use the familiar number line as an introduction to the idea of a coordinate, and they construct two perpendicular number lines to create a coordinate system on the plane. Students see that just as points on the line can be located by their distance from 0, the plane's coordinate system can be used to locate and plot points using two coordinates. They then use the coordinate system to explore relationships between points, ordered pairs, patterns, lines and, more abstractly, the rules that generate them. This course culminates in an exploration of the coordinate plane in real world applications</p>	

Supply Budget

Item	Cost
General Summer School Supplies	\$1,200
Total Cost	\$1,200

Bus Information

- Bus needs will need to be determined by the Transportation Department.
 - Buses would be needed for the Kindergarten Academy

Professional Development Needs

- Addressing learning loss in thematic units
 - IXL as a summer school resource

Other Considerations

- Opportunities for partnerships and guest speakers.
 - Music Evolution, Meet Me in St. Louis, Haunted Houses, Dream Vacations, and I Am Awesome are potential opportunities for guest speakers.
 - What STEM/Math guest speakers are available?
 - HBCUs, Greek speakers, college representatives
 - St. Louis Zoo
 - LEGO for Education
 - Trinity Church for Reading Tutoring
- What can St. Louis County Library offer for summer school? Book mobile? Chromebook resources?
- Home Depot is a potential partnership mentioned during the school year. Could a summer school project be a school garden in the courtyard?
- Partnership opportunity with an organization like Boys and Girls Club or YMCA. This can be a curricular partnership for something in the area of nutrition or athletics.
- How can we involve service learning for other projects around the building?

- Incentives for summer school participation
 - Gift cards per grade level
 - Friday treats (popsicles and ice cream) for attendance and/or behavior.