



7th Grade Syllabi

| Course Name: 7th Grade math | | |
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| Teacher Contact: | Course Description: | |
| <p>Name: Jodian Thomas Number: (718) 715-1867 Email: jthomas@launchschool.org</p> <p>Name: Ryan Steinbach Number: (718) 715-1893 Email: rsteinbach@launchschool.org</p> | <p>Seventh grade math is a yearlong course in which students will continue to expand their knowledge of the Number System, Algebraic Expressions and Equations and Inequalities, Ratios and Proportional Relationships, Statistics and Probability, and Geometry. Students will learn about integers, multiplying and dividing fractions and decimals, calculating ratios and identifying unit rates, using algebraic expressions and inequalities to represent and solve real-world problems, calculating and applying percents to contextual scenarios, and extending their understanding of geometry to compute areas of circles, volumes of prisms, and complex surface areas.</p> <p>This course will be anchored and centered around the Math in Focus curriculum.</p> | |
| Case Study 1: | Case Study 2: | Case Study 3: |
| <p>An AppleCare A Day In this case study, you will use percents to explore the expected value of AppleCare, which is the extended warranty offered for all Apple products. Expected value means how much AppleCare is actually worth vs. how much it costs.</p> | <p>Field Trip Project Students will learn to use algebraic expressions and equations to solve real-world problems in a field trip by making predictions and calculations of the possible expenses. Students will identify fixed and variable costs and then create expressions to represent these costs.</p> | <p>Baking Project Students will learn to use proportional relationships to solve real-world problems in baking by calculating the ratio of ingredients needed to bake different sizes of cornbread. Students will need to identify constants of proportionality in order to scale their recipe up or down to their desired size of cornbread.</p> |
| Class Details: | Homework: | |



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| <p>All materials for this class will be provided to students. Students will be using calculators in the class and will also be provided calculators to take home with them. Students will be expected to show their thinking for every problem.</p> <p>If a student misses a day of class, they are expected to make-up the assignment and homework for that day. They can find the assignment in class in a “Make-Up Work” Folder and digitally on Google Classroom. Students will complete work on paper as well as on chromebooks provided by the school.</p> <p>In addition to math class every day, students will have one spiral math review day a week where they will review key skills from prior years of math and have additional practice time for skills currently being covered in class.</p> | <p>Homework will be given Monday, Wednesday, and Thursday. ALL homework is expected to be completed and turned in the following school day. Homework will be either a set of problems from the practice book or a print out / Google Classroom post.</p> |
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| Grading: | Absent/Late Work: | Websites: |
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| <p>Grading is as follows:</p> <ul style="list-style-type: none"> ● 40% - Tests, Projects, and Performance Assessments ● 30% - Quizzes ● 20% - Classwork, Participation, and Exit Tickets ● 10% - Homework | <p>Students have up to one week from the given deadline to turn in assignments with a 10% grade deduction.</p> | <p>7.1 Google Classroom Code: n3vg2g5</p> <p>7.2 Google Classroom Code: wxun7zu</p> <p>7.3 Google Classroom Code: 4uegbcc</p> <p><i>**Additional resources (free websites that students that practice with at home):**</i></p> <p>www.khanacademy.com</p> <p>www.mobymax.com</p> |



Course Name: Physical Science

| Teacher Contact: | Course Description: |
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| <p>Name: Lisa-Carol Darlington Number: (718) 715-1788 Email: ldarlington@launchschool.org</p> <p>Name: Matthew Orio Number: (718)-715-1799 Email: morio@launchschool.org</p> | <p>Welcome 7th Grade Scientists! In science class we will be using the 5 E's of Science, engage, explore, explain, elaborate, and evaluate to discover the physical and chemical world around us. We will get a chance to cover topics from force and motion to energy and chemical reactions. Students will also get some preparation for the Science State Exam that will occur in 8th grade.</p> <p>We strongly encourage families to engage with their child's progress through Google classroom and we will be welcoming families to culminating project events throughout the year!</p> |

| Case Study 1: | Case Study 2: | Case Study 3: |
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| <p>Forces and Motion Engineering Internship: When a natural disaster strikes, how can we use our knowledge of forces and motion to create a system of supply delivery?</p> | <p>Phase Change Engineering Internship: How can we use Phase Change materials to create reusable incubators for low-weight babies?</p> | <p>Choice: As a class, we will review some options and be able to select a topic we want to explore more in Depth. More info soon!!</p> |

| Class Details: | Homework: |
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| <p>Physical Science is a full-year course that is all about matter and energy. The most basic building blocks of the universe. It includes PHYSICS (energy interacting with matter) and CHEMISTRY (Matter and how it transforms). Math skills will be called upon as force, motion, and energy are investigated.</p> <p>Units Throughout of the Year:</p> <ol style="list-style-type: none"> 1. Scientific Thinking 2. Harnessing Human Energy 3. Force + Motion 4. Magnetic Fields 5. Thermal 6. Phase Change 7. Chemical Reactions | <p>No homework is officially assigned in Science. There are times when students may have to complete work at home in order to produce high-quality final products for projects and case studies. It is also expected that if students do not complete work in class or miss assignments they use time outside of class to catch up on work.</p> |



8. Light Waves

By the end of this course, the successful student will be able to:

1. Explain the relationship between kinetic and potential energy, and the ways energy is transferred and converted (energy and matter)
2. Explain the relationships between force, change in velocity, and mass and discover the equal and opposite forces exerted during collisions (cause and effect).
3. Describe magnetic force and its relationship to kinetic and potential energy in systems of objects
4. Investigate thermal energy and temperature at the molecular and macroscale (scale, proportion, and quantity)
5. Investigate the ways thermal energy transfers in various objects of different masses and explain starting temperatures eventually reach equilibrium
6. Explain phase change at the macroscale and molecular scale (scale, proportion, and quantity).
7. Evaluate how energy transfer and molecular attraction determine whether a substance will change phase (energy and matter).
8. Explain how atoms are rearranged into different patterns to form new substances during chemical reactions (scale, proportion, and quantity; patterns).
9. Evaluate how different types of light interact with different types of matter (energy and matter).

| Grading: | Absent/Late Work: | Websites: |
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| <p>Grading is as follows:</p> <ul style="list-style-type: none"> ● 40% - Tests, Projects, and Performance Assessments ● 30% - Quizzes ● 20% - Classwork, Participation, and Exit Tickets ● 10% - Homework | <p>Students have up to one week from the given deadline to turn in assignments with a 10% grade deduction.</p> | <p>The two major websites we will use for curriculum: Amplify: https://amplify.com/ Brainpop: https://www.brainpop.com/</p> <p>For assessments, we will use: GoFormative and Quizziz</p> |



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| | | <u>Other websites will be shared in Google Classroom</u> |
| ***Note: Syllabus is subject to change. We will inform you if any changes are made throughout the year. *** | | |

| Course Name: 7th Grade Social Studies (US History) | | |
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| Teacher Contact: | Course Description: | |
| <p>Name: Camille Hendricks Number: Email: chendricks@launchschool.org</p> <p>Name: Katelyn Connolly Number: 718-715-1835 Email: Kconnolly@launchschool.org</p> | <p>Who really discovered America? Who were the first people here? During this school year students will learn about a time when we were neither UNITED nor STATES! In 7th grade Social Studies students will learn American history starting from the thirteen colonies, through the civil war. Students will learn the history of the Americas by engaging in various case studies. Students will engage in discussion about colonies starting from the first native American colonies to modern day colonies such as Puerto Rico. We will assess what it truly means to be an American and debate the foundation of our country by analyzing the laws, constitution, and amendments our country was founded on. Students will be empowered to analyze, critique and improve upon how our country runs. Students will put their critical thinking skills to the test as they develop their abilities to think as a historian. By listening to voices that are typically unheard, students will develop empathy and understand the founding of our country through various perspectives.</p> | |
| Case Study 1: | Case Study 2: | Case Study 3: |
| The 1st 13! | Time to Rebel! | We the people who? |
| Class Details: | Homework: | |
| <ol style="list-style-type: none"> Cite specific textual evidence to support analysis of primary and secondary sources. | <p>Any work incomplete in class will be for HW.</p> | |



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| <ol style="list-style-type: none"> 2. Determine the central ideas or information of a primary or secondary source; provide an accurate summary of the source distinct from prior knowledge or opinions. 3. Develop an argument and use the best evidence to support the argument. 4. Identify and analyze cause and effect relationships among events and ideas. 5. Make connections between historical events and current events. | |
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| Grading: | Absent/Late Work: | Websites: |
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| <p>Grading is as follows:</p> <ul style="list-style-type: none"> ● Exams, Performance Assessment, Essay, and Projects - 40% ● Quizzes, mini-projects, and short response- 30% ● Classwork and Participation- 20% ● Homework- 10% | <p>If you are absent it is your responsibility to pick up your work from the missing work section in the back of the room and place it in the inbox when completed. Students have up to <u>one</u> week from the given deadline to turn in assignments with a 10% grade deduction</p> <p>You should check-in with a responsible classmate with any questions. If you still need support, call/email/text your teacher.</p> | <p>Google classroom Go formative</p> |

Grade 7 English Language Arts
Course Syllabus

Ms. Zullo kzullo@launchschool.org
& Ms. Galvin lgalvin@launchschool.org
Rm. 315

COURSE OVERVIEW

ENGLISH LANGUAGE ARTS: *Students at Launch are on a mission: to fall in love with literacy. Throughout the year, all students are expected to read 25 independent books (we challenge them to 40!) that vary in subject and genre. In class, students will spend the majority of the time analyzing and responding to specific novels and texts, and building reading & writing skills outlined by the Common Core State Standards.*



The curriculum was built to ensure that all students become deep readers and measured writers, with the ability to analyze, question, cite evidence, debate and think critically each and every day.

**Please note: As students get older, the subject matter and content of popular reading can as well. We do not censor books. We encourage all parents to monitor what the students are reading independently. Please contact us if you have any concerns.*

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| <p>Required <u>Materials</u></p> | <p style="text-align: center;"><u>ORGANIZATION IS CRITICAL FOR STUDENT SUCCESS!</u></p> <p style="text-align: center;"><i>Note: Students will receive the majority of necessary class materials from Launch! We just ask that they make sure to bring these materials each day</i></p> <p>1.) Students will receive their very own copy of class novels & texts. This copy MUST be brought to class every day until the conclusion of the novel/unit.</p> <p>2.) Lifetime supply of pens (blue or black ink) and pencils ☺</p> <p>3) Highlighters</p> <p><u>Highly Recommended:</u> Hand-held pencil sharpener, post-its</p> |
| <p>Grade <u>Breakdown</u></p> | <p><u>HOMEWORK: 10%</u> <i>Given nightly. Necessary to Learn. Necessary to Pass.</i></p> <p>-Homework is given <u>EVERY. SINGLE. NIGHT.</u> <i>If a child says they do not have homework, contact us.</i></p> <p>-All students MUST read independently for at least 30 minutes EVERY, SINGLE night. Sometimes this will be from a book of their choice. Other times, students will read from whole-class novels and complete the accompanying reading check quiz provided.</p> <p><u>EXAMS: 40%</u> <u>Unit Exams:</u> 1 Unit Exam given at end of each unit announced well in advance <u>Performance Tasks:</u> Written assessments On Demand (similar to NY State exam)</p> <p><u>QUIZZES: 30%</u> <u>Quizzes</u> given approximately once per week, usually on Fridays. -Assess key vocabulary terms as well as student mastery of content taught.</p> <p><u>CLASSWORK: 20%</u> Assessed daily based on <i>Do Now completion, Class Preparedness, Note-taking, Participation in Discussion & Activities, Submitted classwork handouts; Cooperative peer and group work & Behavior</i></p> |
| <p><u>Late Work</u></p> | <p><u>Regarding Homework</u> - Within 1 week after original due date <u>MAXIMUM GRADE: 90%</u> (-10 pts)</p> <p><u>Regarding Projects and Published Pieces</u> - Within 1 week after original due date <u>MAXIMUM GRADE: 90%</u> (-10 pts)</p> |



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| | -Any time between the 1 week deadline & the end of the quarter MAXIMUM GRADE: 70% |
| <u>Classroom Expectations</u> | <p>Four, very simple rules guide our expectations for how students behave within the classroom:</p> <p>1.) Respect each other 2.) Respect the classroom 3.) Respect yourselves 4.) Respect the purpose*</p> <p>*“The purpose”: The reason we are ALL here, is for Launch students to attain an education of the highest quality. We do not ask that all students like each other; that all students become best friends. We DO ask that within these walls, we work together with respect & dignity for “the purpose”.</p> |
| <u>Consequences</u> | The ELA classroom, like all Launch classrooms, runs in alignment with the discipline code outlined in the family & student handbook. <u>Student misbehavior within the class will be met with the following...</u> |
| | 1.) Formal Verbal Warning |
| | 2.) EITHER the student moves their seat for the remainder of the period OR remains after-school for a 10-15 minute teacher conference |
| | 3.) Mandatory seat move (2 days minimum); reflection assignment; Parent notified |
| | 4.) Detention (generally held after school); Dean notification |
| | 5.) Dean Referral (student is responsible for submitting tasks assigned by end of day) |
| <u>Attendance & Missed Work</u> | <p style="text-align: center;">THIS IS YOUR EDUCATION. CLAIM IT.</p> <p>Students are expected to arrive to class on time, prepared to participate, in uniform, and with all supplies. Many reading class periods are devoted to completing long-term projects AND the material covered in class is often tested formally. It is absolutely CRITICAL for students to be here. Every day. ☺</p> <p>★ <u>It is a student’s responsibility to get the material they have missed.</u> There are clearly marked folders with copies of the Week’s work posted at the front of the room. To repeat, it is the student’s responsibility to retrieve and complete work missed for absences. You will have <u>3 days</u> to submit missed work, before the lateness penalty is applied.</p> |
| <u>Academic Honesty</u> | <p>Plagiarism and cheating are major violations of the school’s rules and the DOE Behavior code. Moreover, if not corrected, a student’s future can certainly be plagued by repeatedly committing such acts. Students are expected to present work that is their own, and must cite references and sources when appropriate. When in doubt: CITE YOUR SOURCE.</p> <p>Of course, students may study for tests and quizzes together. With homework, however, if we detect that some students blatantly copied answers neither student will receive credit.</p> |

After you have read the above information, please sign & date on the line below and return to Ms. Galvin or Ms. Zullo no later than **Friday, September 3rd, 2021**

Thank you, and we truly look forward to working with your students and family.
Please feel free to contact us via email with any questions or comments you might have.



Parent Signature: _____ **Date:**

Student Signature: _____ **Date:**
