



School Year 2020 – 2021
Class Syllabus

Teacher's Name: Mr. White
Subject: CCSS 7th Grade Mathematics

Grade Level: 7
Contact Information: bwhite@hha47.org

Goal: My goal is to create a virtual learning environment that is organized, respectful, safe, and stress free.

Overview: I will encourage students and challenge students with quality work. I hope to build a positive virtual classroom community that will encourage critical thinking skills and allow students to learn to their fullest potential.

Virtual Learning Norms:

1. Login in daily! Please remember to check your email and Google Classroom at the beginning of each morning.
2. Students will be expected to attend all the virtual live class sessions.
3. Read all instructions on Google Classroom and complete each assignment on Edulastic.
4. Students should be prepared with notebook, pencil, whiteboard and marker.
5. Always use appropriate and academic language when communicating with staff and students.
6. Complete work on time and to the best of your ability. Feel free to ask questions via Bloomz.

Zoom Norms:

1. During our class time, please turn your video on! It's important to see your face so we can create a connection between you and your name. We want to make sure that we can continue to build our relationships throughout a year. If there is a specific concern or you do not have a device with video access, please contact your homeroom teacher for support.
2. During our class time, we want to make sure that we can hear from you! If you have an answer to a question or want to speak, please use the "raise your hand" feature through Zoom. For more information on how to do that, check out this [helpful video](#).
3. We want to make sure that we're keeping our Zoom classes as professional as possible! Please make sure you're wearing appropriate attire during our class time. Some Baltimore City Public School rules are:
 - No pajama-type attire, undershirts or other bedtime attire is allowed during the school day or during school-sponsored activities.
 - Apparel with vulgar statements or statements promoting illegal drugs, alcohol, sex, violence, or gangs is not allowed.
 - No undergarments worn as outerwear are allowed. Clothing should be worn so that undergarments, including boxer shorts, thongs, or bras, are not exposed.
4. Just a reminder that all Zoom sessions create a tracking report. Please contact your homeroom teacher with any additional questions.
5. All zoom links and schedules will be posted on your Google classroom. Please allow a five-minute window for tech issues and software updates to make sure you're on time for class!

Grading Policy: Tests – 20% Quizzes – 20% Classwork – 50% Participation – 10%

Tests will be at the end of each module and quizzes will be weekly. Classwork are the exit tickets and assignments that students complete using the Edulastic math program. Most of the assignments will be completed during the student's independent classwork time at the end of the school day.

Independent Classwork: 2:00 to 2:50 You will have work that needs to be completed during the work time at the built into the end of the school day. If it is not completed during that time, please complete it that evening. It is the student's responsibility to complete this **Independent Work** which is due the next day by 7:45 am. The assignments will be in the Math site called Edulastic. All students should have the login information. Please email with questions about accessing Edulastic.

Make-up/Missing Work: Please email me to make arrangements for missed work.

Infinite Campus: Student grade sheets will only be available via the Parent Portal Website. To access information about your child's academic progress, attendance and other important information please register via this link to obtain a username and password.

<https://baltimore.infinitecampus.org/campus/bcps.jsp>

Student Portfolios: (will be determined later in the year) All students at Hampstead Hill Academy are required to submit a portfolio that contains nine projects (three from each class) that show hard work, creativity, and accomplishment. Portfolio projects are meant to showcase your best work. Teachers and administrators will review portfolio projects.

7th Grade Virtual Field Trip: The students will take a virtual field trip on Monday October 19th to the Smithsonian in Washington DC. More details and information will be provided in early October.

Math Curriculum Outline: 7th Grade CCSS for distance learning 2020 -2021. Eureka is the math program that will be used <https://greatminds.org/math> The math website for classwork, independent work and assessments will be www.edulastic.com

Module 1A: The Number System

Rational Numbers – 7.NS.2. b, d

Adding Rational Numbers – 7.NS.1. a, b 7NS.3

Subtracting Rational Numbers – 7.NS.1.c 7NS.3

Applying Properties of Operations to Add and Subtract Rational Numbers – 7.NS.1. d

Module 1B: The Number System

Multiplying Rational Numbers – 7.NS.2. a, c

Dividing Rational Numbers – 7.NS.2. b, c

Dividing Fractions – 6.NS.1

Converting Rational Numbers to Decimals – 7.NS.2. d (Terminating & Repeating)

Problem Solving with Rational Numbers – 7.NS.3 (Complex Fractions)

Module 2A: Algebraic Expressions

Algebraic Expressions – 6.EE.2. a, b, c

Writing Expressions – 7.EE.1, 2

Simplifying Expressions – 7.EE.1

Expanding Linear Expressions – 7.EE.1
Factoring Linear Expressions – 7.EE.1
Adding and Subtracting Expressions – 7.EE.1

Module 2B: Equations and Inequalities

Writing and Solving Equations – 6.EE.7
Writing Linear Equations – 7.EE.4
Solving Linear Equations – 7.EE.3, 4.a
Writing Linear Inequalities – 7.EE.4
Solving Linear Inequalities – 7.EE.3, 4.b
Graphing Linear Inequalities – 7.EE.3, 4.b

Module 3: Ratios and Proportional Relationships

Ratios and Rates – 6.RP.1,2
Unit Rates and Complex Fractions – 7.RP.1
Identifying and Finding Proportional Relationships – 7.RP.2. a, b
Representing Proportional Relationships – 7.RP.2.c
Graphing Proportional Relationships – 7.RP.2. a, b, c
Word Problems with Ratios and Percent – 7.RP.3

Module 4A: Geometry

Scale Drawings – 7.G.1
Drawing “Constructing” Geometric Shapes – 7.G.2
Angle Pairs Relationships – 7.G.5
Interior and Exterior Angles – 7.G.5

Module 4B: Geometry

Circumference of Circles – 7.G.4
Area of Circles – 7.G.4
Area of Objects – 7.G.6
Area of Composite Figures – 7.G.6
Surface Area of Composite Figures – 7.G. 6
Cross Sections of Three-Dimensional Figures – 7.G.3
Volume of Three-Dimensional Figures – 7.G.6

Module 5: Statistics and Probability * TBD based on when and if we return to school

Understanding Sampling – 7. SP.1
Making Inferences Based on Samples – 7. SP.2
Comparing Data Using Mean and Mean Absolute Deviation (MAD) – 7. SP.3
Comparing Data Using Measures of Center – 7. SP.4
Comparing Data Using Measures of Variability – 7. SP.4
Understanding Probability – 7. SP.5
Theoretical Probability – 7. SP.5
Probability of Simple Events – 7. SP.7.a, b
Probability of Compound Events – 7. SP.8.a, b
Simulations – 7. SP.8.c

8th Grade Skills * TBD based on when and if we return to school

Irrational Numbers – 8.NS.1, 2

Irrational vs. Rational Numbers – 7.NS.1 and 8.NS. 1

Powers and Roots – 8.EE. A 1, 2

Exponents and Negative Exponents – 8. EE.A. 4

Scientific Notation – 8.EE. A. 4

Slope – 8. EE.B.5

Solve and Graph Equations in Slope Intercept Form – 8. EE.C.7, a

Solve and Graph Equations in Standard Form – 8.EE.7, a

Graphing Systems of Linear Equations – 8. EE.C. 8

Determining the Solution of Systems of Linear Equations – 8. EE.C.8 a

Rotations, Reflections, Dilations and Translations – 8.G.A.1