



Fifth Grade Mathematics
Course Syllabus
2023-2024

Mr. Venna

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<http://websites.pdesas.org/mvenna/default.aspx>

Introduction

Welcome to Fifth Grade Mathematics! The purpose of this syllabus is to inform you of what to expect this year (2023-2024) in Mr. Venna's math class. This syllabus will also be helpful in promoting a smooth transition into fifth grade math and fostering a successful year. Please read it thoroughly and familiarize yourself with the procedures and grading associated with this class. However, some changes may be required due to academic needs, schedule changes, changes in our learning model, or other unforeseen circumstances. I feel strongly about school-home communication, so please feel free to contact me if you have any questions or concerns throughout the school year.

Thank you for your time and support, and I look forward to working with you and your child.

Yours in Education,

Mr. Venna

Fifth Grade Math Teacher

enVision Mathematics Overview

The math program that we will be using in fifth grade is enVision Mathematics. This program consists of sixteen (16) Topics (units), which may not be covered in numerical order throughout the school year.

Topic 1 - Understand Place Value

Topic 2 - Use Models and Strategies to Add and Subtract Decimals

Topic 3 - Fluently Multiply Multi-Digit Whole Numbers

Topic 4 - Use Models and Strategies to Multiply Decimals

Topic 5 - Use Models and Strategies to Divide Whole Numbers

Topic 6 - Use Models and Strategies to Divide Decimals

Topic 7 - Use Equivalent Fractions to Add and Subtract Fractions

Topic 8 - Apply Understanding of Multiplication to Multiply Fractions

Topic 9 - Apply Understanding of Division to Divide Fractions

Topic 10 - Represent and Interpret Data

Topic 11 - Understand Volume Concepts

Topic 12 - Convert Measurements

Topic 13 - Write and Interpret Numerical Expressions

Topic 14 - Graph Points on the Coordinate Plane

Topic 15 - Algebra: Analyze Patterns and Relationships

Topic 16 - Geometric Measurement: Classify 2-Dimensional Figures

Daily Materials Needed

The students are responsible to come prepared to class with the materials needed to complete their classwork. They will need to bring the following materials to class each day:

1. enVision Mathematics - Common Core Workbook (classwork book)
2. enVision Mathematics - Additional Practice Workbook (homework book)
3. Agenda (provided)
4. Spiral/homework folder (provided)
5. Pencils with erasers
6. Highlighter

* Calculators and rulers will be provided when necessary, but students are also permitted to bring their own.

enVision Mathematics Books

There are two main books that will be used this school year as part of the enVision Mathematics program.

1. enVision Mathematics Common Core Books (Volumes 1 & 2) - These books, which are used for classwork, provide students with opportunities to learn new skills and reinforce concepts during class through active engagement. There are two volumes, but the second volume will not be distributed until the students are finished with the first volume (upon the completion of Topic 7). Each lesson within a given Topic contains a variety of in-depth learning components for students to enhance their understanding and foster success. These may include daily reviews, vocabulary development, guided practice, cooperative practice, independent practice, problem-solving tasks, STEM activities, and enrichment opportunities.

Additionally, Home-School Connection letters will be sent home at the beginning of each Topic. These resourceful letters will provide a brief overview of the Topic, along with suggested games and activities to better assist at home.

2. enVision Mathematics Additional Practice Workbook - This book will serve as the students' primary homework source throughout the school year. The students will be practicing skills and reinforcing concepts learned in class for the assignments given in this book. Homework assignments will not be torn out of this book and should remain intact so that students can go back to review the lessons within each Topic. This is especially helpful for students when preparing for assessments.

Assessments

All assessments will be announced in advance and should be listed in your child's agenda. The agenda will also have any other assignments that need to be completed each night, so it is important that you review the agenda daily and ensure that your child is filling it in accordingly. You can also find this information on the Fifth Grade Homework Calendar (online), which is linked from my website and updated regularly.

Topic Assessments will typically be administered at the end of each Topic, but longer Topics may also have an assessment given partway through the Topic. Concept Guides will be given to the students prior to each assessment to facilitate studying. Vocabulary Quizzes will also be given throughout the year. Vocabulary Quizzes will combine terms from multiple Topics. All vocabulary terms can be found throughout each Topic in the students' Common Core books. However, a list of terms will be sent home prior to each Vocabulary Quiz. The students will also complete quizzes for each Topic online through the Study Island program.

Grading Overview

All SCA teachers use the Sapphire online grading program. Therefore, you can monitor grades at any time, allowing you to be fully aware of your child's performance and academic standing. Please be sure that you are regularly checking Sapphire to see your child's progress.

As noted previously, there are a total of sixteen (16) Topics in the enVision Mathematics program with accompanying assessments. Additionally, the students will earn a homework/mathematical effort grade, which will be dependent on the number of homework assignments that are given throughout each Topic. Furthermore, the students will practice basic facts throughout the year. Performance Tasks or Special Projects may also be assigned periodically throughout the year. The value of these assignments will typically be scored on a rubric.

Main Grading Assessments

* **Topic Assessments** (typically given at the end of each Topic)

* **Vocabulary Quizzes** (given after the study of multiple Topics)

* **Homework/Mathematical Effort**

- This grade will be dependent on the number of homework assignments that are part of each Topic.

* **Study Island Assignments/Practice Quizzes** - 10 points each (typically 1 or 2 per Topic)

- These online assignments include lessons, flash cards (sometimes), and practice quizzes (10 questions each).

- Students can retake a Study Island quiz up to one (1) week from the date of the assignment.

- Please note that a student will be given the highest score that they earned on each practice quiz.

Additional Assessments (may be given periodically throughout the year)

* Study Island Math Benchmark Assessments

* enVision Math Diagnostic Assessments

* enVision Math Cumulative/Benchmark Assessments

* Performance Tasks/Special Projects

* Fact Assessments

* *The lowest failing average for the first three marking periods will be 60%.*

Homework Overview

Homework is an integral part of your child's education and necessary for the reinforcement of skills and concepts covered in class. Please speak with your child about these expectations and the importance of completing assignments on time. We will also remind students about these expectations and their responsibilities as we continue to encourage independence and promote success in fifth grade. The students will typically have homework after each completed math lesson. It is important that the students complete their assignments to review the concepts covered in class and to reinforce previously instructed skills. The students should be using their classwork book (enVision Mathematics Common Core) to facilitate the completion of homework when necessary. This book should always be used first before asking someone for assistance. As mentioned, the students will be given a grade for Homework/Mathematical Effort each Topic, and they will need to complete/attempt all of the problems associated with their homework in order to receive full credit on their assignments. Each assignment will be worth one (1) point if it is fully completed on time. Late assignments will receive one-half ($\frac{1}{2}$) of a point, and assignments that are not received within three (3) days of the date assigned will be given a zero (0).

Please remember to review your child's agenda each night. However, all homework assignments, upcoming assessments, and any other relevant information will be posted on the Fifth Grade Homework Calendar (online). You can access this calendar by going to my homepage or the other link listed below.

Additionally, all Additional Practice Workbook pages (homework) are accessible through a link on my website, which is also listed below. Students can also access homework pages through Savvas (enVision Mathematics online component). Therefore, homework can be downloaded if a student leaves their math homework at school or misplaces it.

*** My Homepage**

<http://websites.pdesas.org/mvenna/default.aspx>

*** Fifth Grade Homework Calendar**

<https://websites.pdesas.org/Index/ViewWebPage?websitePageId=379816&editMode=False&websitePageId=379816&editMode=False>

*** enVision Mathematics Additional Practice Workbook (homework pages)**

<https://websites.pdesas.org/Index/ViewWebPage?websitePageId=398504&editMode=False>

Online Math Resources

*** Savvas Realize**

The enVision Mathematics program has an award winning, comprehensive online component. All students will have access to Savvas Realize, which is part of enVision Mathematics. Your child will be provided with access to various online resources, which will support the enVision Topics and be essential to your child's learning. Specifically, this interactive platform provides students with online access to program materials, including lesson content, videos, games, and math tools.

*** Study Island, IXL, & MobyMax**

All students should also have access to Study Island, IXL, and MobyMax, which are subscription-based, online programs used to support skill practice and facilitate growth. These programs allow teachers to monitor a student's performance and track the proficiency of standards. The students will be using these supplemental resources throughout the year in math class and MTSS. However, these programs can also be used at home.

*** Classroom Webpage**

My classroom webpage (<http://websites.pdesas.org/mvenna/default.aspx>) will serve as valuable resource that parents/guardians and students can utilize throughout the year in fifth grade. Please familiarize yourself with the different pages and links that are part of this site. You will find that everything from general information to important dates and homework can be found here. I also have a number of math websites, games, videos, customizable worksheet generators, and other resources posted, which students can use as a means of reinforcement and review. I am confident that you will find this website a useful tool to help foster a successful year in fifth grade mathematics.

Additionally, I have a Frequently Asked Questions link on my webpage, which will be able to answer many of the potential questions that you may have throughout the school year. For example, this link will include a list of ways that you can help your child at home and promote success. I have attached a copy of the ways that you can help for your reference. Please get in the habit of routinely checking my website for updates.

* **ClassLink LaunchPad**

ClassLink is a single sign-on application that eliminates the need for a user to remember multiple usernames and passwords. It is a one-click solution that gives students access to everything they need with just one password from any device. Students will have access to the aforementioned websites/apps (Savvas Realize, Study Island, MobyMax, IXL, etc.) in one place. The link for ClassLink can be found at the top of the SCA homepage or by using launchpad.classlink.com/scasd. From there, students will need to simply "Sign in with Microsoft" for full access to the LaunchPad.

Communication

I believe that school-home communication is a vital part of your child's education and overall success. Please feel free to contact me with any questions that you may have throughout the school year. I can be reached at mvenna@scasd.us or (570) 356-2331, ext. 3617.

Mr. Venna – Fifth Grade Mathematics (2023-2024)
Promoting Success & Most Frequently Asked Question

What can I do to help my child at home?

- You can check over your child's homework each night and review any problems that were completed incorrectly. It is important for your child to learn from their mistakes.
- You can read over the Home-School Connection letters, which are sent home at the beginning of each Topic. These letters will provide you with a brief overview of the Topic, along with suggested games and activities that you can use with your child at home.
- You can use the enVision Mathematics Common Core workbook (classwork) to assist your child. This book can be used to review examples covered in class to help with homework and to facilitate studying with the use of Concept Guides, which are given for each Topic Assessment.
- You can have your child review the homework pages that have been completed in the enVision Mathematics Additional Practice workbook. You can also use these pages to make additional practice problems/questions for your child to solve in preparation for assessments. Reviewing these pages will provide extra practice and reinforce concepts/skills that were covered throughout each Topic.
- You can help your child review the vocabulary terms associated with each Topic and make practice quizzes for them to assess their comprehension. Remember that Vocabulary Quizzes are typically given every 2-3 Topics. All Vocabulary Quizzes are set up in a matching or multiple-choice format. Please note that the vocabulary words for each Topic can be found in the students' Common Core workbook, but a list of terms will be sent home prior to each Vocabulary Quiz.
- You can check out the various sites/resources that I have linked on my homepage. These sites will provide additional practice and support in a number of mathematical areas. You can also do your own online search and explore other math resources.
- You can have your child practice basic math facts, especially multiplication and division. Your child can practice these facts by using flash cards, worksheets, games, and online resources. Specifically, one option is exploring my classroom website where you can access some valuable resources, including customizable worksheet generators and interactive fact practice games.
- You can have your child enter their Savvas Realize online account and utilize the wealth of resources that are available to you and your child. Once you access this website, you will see the variety of related resources that will support the Topics covered within the enVision Mathematics program.
- You can have your child review and work on previous assignments given in Study Island. Retaking the Study Island "practice quizzes" will offer your child additional practice and reinforcement, along with an opportunity to increase their math grade.
- You can have your child work on MobyMax (Math, Numbers, Fact Fluency) lessons as a means of practice and reinforcement. MobyMax is an individualized learning platform designed to automatically assign lessons based on diagnostic results and progress.
- You can have your child work on IXL as another means of learning and reinforcement. IXL is used to support skill practice and facilitate growth. This program pairs seamlessly with the enVision Mathematics program and correlates to Pennsylvania Standards.

*** PLEASE KEEP THIS SHEET AS A REFERENCE.**



Fifth Grade Mathematics - Mr. Venna

Syllabus Signoff Sheet

I have read and understand the attached information pertaining to the expectations associated with Fifth Grade Mathematics in Mr. Venna's class.

I also understand that the contents of this document are subject to change due to academic needs, schedule changes, or other unforeseen circumstances.

Please sign and return this sheet to Mr. Venna by Friday, September 1, 2023.

Student's Name _____

Student's Signature _____

Date _____

Parent's/Guardian's Name _____

Parent's/Guardian's Signature _____

Date _____