MATHEMATICS

MS.BRIGGS NUECES CANYON ELEMENTARY/ 4TH GRADE/ ROOM 14 BBRIGGS@NCCISD.NET

Welcome to a new school year! I hope you had a fantastic break and are ready learn and grow. I am excited to be starting this new journey with you as you transition from once being super 3rd graders to now being super 4th graders. It is my goal to not only teach you, but to also learn alongside of you. This syllabus will give details about the course and my expectations for the class to help you to be successful and to reach for the stars.

COURSE DESCRIPTION

This course builds upon previously learned mathematics skills. Students will be applying mathematics to problems that arise in everyday life. Our goal will be to develop problem- solving skills where students will formulate a plan, determine a solution, and justify their solution. Students will be able to communicate, create, and analyze mathematical ideas.

POLICIES

GRADES:

DAILY WORK- 60% MAJOR GRADES (TESTS, QUIZZES, PROJECTS)- 40%

LATE WORK:

WORK TURNED IN PAST THE DUE DATE WILL RECEIVE A 15 POINT GRADE DEDUCTION.

<u>MAKE UP WORK:</u>

STUDENTS WILL BE ALLOWED TO REDO 3 ASSIGNMENTS, WITH A GRADE OF 60 OR LESS, PER SIX WEEKS. REDONE WORK WILL RECEIVE A NEW GRADE NO HIGHER THAN 70.

ABSENCES:

IN THE CASE OF AN ABSENCE, STUDENTS WILL BE RESPONSIBLE WITH GETTING MISSED WORK FROM THE TEACHER. STUDENTS WILL SIGN UP FOR A WORKING LUNCH IN ORDER TO COMPLETE ASSIGNMENTS.

MISSING OR INCOMPLETE WORK:

STUDENTS WITH MISSING OR INCOMPLETE WORK MUST SIGN UP FOR A WORKING LUNCH TO COMPLETE REQUIRED ASSIGNMENTS.

HANDWRITING:

WORK THAT CANNOT BE READ BY THE TEACHER WILL BE REDONE.

CURRICULUM TOOLS

COURSE OUTLINE

FIRST 6 WEEKS:

- TEKS RS UNIT 01: PLACE VALUE OF WHOLE NUMBERS AND DECIMALS
- TEKS RS UNIT 02: ADDITION AND SUBTRACTION OF WHOLE NUMBERS AND DECIMALS
- TEKS RS UNIT O3: MULTIPLICATION OF WHOLE NUMBERS

SECOND 6 WEEKS:

- TEKS RS UNIT O4: DIVISION OF WHOLE NUMBERS
- TEKS RS UNIT O5: ALL OPERATIONS

THIRD 6 WEEKS:

- TEKS RS UNIT 06: FRACTIONS
- TEKS RS UNIT 07: DATA REPRESENTATIONS

FOURTH 6 WEEKS:

- TEKS RS UNIT 08: MEASUREMENT
- TEKS RS UNIT 09: GEOMETRY- POINTS, LINES, AND ANGLES

FIFTH 6 WEEKS:

- TEKS RS UNIT 10: GEOMETRY- MEASURING ANGLES
- TEKS RS UNIT 11: MAKING CONNECTIONS

<u>SIXTH 6 WEEKS:</u>

- TEKS RS UNIT 12: ESSENTIAL UNDERSTANDINGS OF FRACTIONS
- TEKS RS UNIT 13: ESSENTIAL UNDERSTANDINGS OF ALL OPERATIONS

MATHEMATICS

MS.BRIGGS NUECES CANYON ELEMENTARY/ 5TH GRADE/ ROOM 14 BBRIGGS@NCCISD.NET

Welcome to a new school year! I hope you had a fantastic break and are ready learn and grow. I am excited to be starting this new journey with you as you transition from once being super 4th graders to now being super 5th graders. It is my goal to not only teach you, but to also learn alongside of you. This syllabus will give details about the course and my expectations for the class to help you to be successful and to reach for the stars.

COURSE DESCRIPTION

This course builds upon previously learned mathematics skills. Students will be applying mathematics to problems that arise in everyday life. Our goal will be to develop problem- solving skills where students will formulate a plan, determine a solution, and justify their solution. Students will be able to communicate, create, and analyze mathematical ideas.

POLICIES

GRADES:

DAILY WORK- 60% MAJOR GRADES (TESTS, QUIZZES, PROJECTS)- 40%

LATE WORK:

WORK TURNED IN PAST THE DUE DATE WILL RECEIVE A 15 POINT GRADE DEDUCTION.

MAKE UP WORK:

STUDENTS WILL BE ALLOWED TO REDO 3 ASSIGNMENTS, WITH A GRADE OF 60 OR LESS, PER SIX WEEKS. REDONE WORK WILL RECEIVE A NEW GRADE NO HIGHER THAN 70.

ABSENCES:

IN THE CASE OF AN ABSENCE, STUDENTS WILL BE RESPONSIBLE WITH GETTING MISSED WORK FROM THE TEACHER. STUDENTS WILL SIGN UP FOR A WORKING LUNCH IN ORDER TO COMPLETE ASSIGNMENTS.

MISSING OR INCOMPLETE WORK:

STUDENTS WITH MISSING OR INCOMPLETE WORK MUST SIGN UP FOR A WORKING LUNCH TO COMPLETE REQUIRED ASSIGNMENTS.

HANDWRITING:

WORK THAT CANNOT BE READ BY THE TEACHER WILL BE REDONE.

CURRICULUM TOOLS

COURSE OUTLINE

FIRST 6 WEEKS:

- TEKS RS UNIT 01: EXTENDING WHOLE NUMBER OPERATIONS
- TEKS RS UNIT 02: ALGEBRAIC REASONING

SECOND 6 WEEKS:

- TEKS RS UNIT O3: FINANCIAL LITERACY
- TEKS RS UNIT O4: EXTENDING DECIMALS
- TEKS RS UNIT 05: DECIMAL MULTIPLICATION AND DIVISION

THIRD 6 WEEKS:

- TEKS RS UNIT 06: ADDITION AND SUBTRACTION OF FRACTIONS
- TEKS RS UNIT 07: MULTIPLICATION AND DIVISION OF WHOLE NUMBERS BY A FRACTION

FOURTH 6 WEEKS:

- TEKS RS UNIT 08: GEOMETRY AND MEASUREMENT
- TEKS RS UNIT 09: PATTERNS ON A COORDINATE PLANE

FIFTH 6 WEEKS:

- TEKS RS UNIT 10: REPRESENTING DATA
- TEKS RS UNIT 11: MAKING CONNECTIONS

<u>SIXTH 6 WEEKS:</u>

- TEKS RS UNIT 12: ESSENTIAL UNDERSTANDINGS OF DECIMALS
- TEKS RS UNIT 13: ESSENTIAL UNDERSTANDINGS OF FRACTIONS

MATHEMATICS

MS.BRIGGS NUECES CANYON ELEMENTARY/ 6TH GRADE/ ROOM 14 BBRIGGS@NCCISD.NET

Welcome to a new school year! I hope you had a fantastic break and are ready learn and grow. I am excited to be starting this new journey with you as you transition from once being super 5th graders to now being super 6th graders. It is my goal to not only teach you, but to also learn alongside of you. This syllabus will give details about the course and my expectations for the class to help you to be successful and to reach for the stars.

COURSE DESCRIPTION

This course builds upon previously learned mathematics skills. Students will be applying mathematics to problems that arise in everyday life. Our goal will be to develop problem- solving skills where students will formulate a plan, determine a solution, and justify their solution. Students will be able to communicate, create, and analyze mathematical ideas.

POLICIES

GRADES:

DAILY WORK- 60% MAJOR GRADES (TESTS, QUIZZES, PROJECTS)- 40%

LATE WORK:

WORK TURNED IN PAST THE DUE DATE WILL RECEIVE A 15 POINT GRADE DEDUCTION.

MAKE UP WORK:

STUDENTS WILL BE ALLOWED TO REDO 3 ASSIGNMENTS, WITH A GRADE OF 60 OR LESS, PER SIX WEEKS. REDONE WORK WILL RECEIVE A NEW GRADE NO HIGHER THAN 70.

ABSENCES:

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HANDWRITING:

WORK THAT CANNOT BE READ BY THE TEACHER WILL BE REDONE.

CURRICULUM TOOLS

COURSE OUTLINE

FIRST 6 WEEKS:

- TEKS RS UNIT 01: EQUIVALENT FORMS OF FRACTIONS, DECIMALS, AND FRACTIONS
- TEKS RS UNIT 02: ORDERING FRACTIONS, DECIMALS, AND INTEGERS
- TEKS RS UNIT O3: OPERATIONS WITH POSITIVE FRACTIONS AND DECIMALS

SECOND 6 WEEKS:

- TEKS RS UNIT O4: OPERATIONS WITH INTEGERS
- TEKS RS UNIT O5: PROPORTIONAL REASONING WITH RATIOS AND RATES

THIRD 6 WEEKS:

- TEKS RS UNIT 06: EQUIVALENT EXPRESSIONS AND ONE-VARIABLE EQUATIONS
- TEKS RS UNIT 07: ONE-VARIABLE INEQUALITIES

FOURTH 6 WEEKS:

- TEKS RS UNIT 08: ALGEBRAIC REPRESENTATIONS OF TWO-VARIABLE RELATIONSHIPS
- TEKS RS UNIT 09: GEOMETRY AND MEASUREMENT

FIFTH 6 WEEKS:

- TEKS RS UNIT 10: DATA ANALYSIS
- TEKS RS UNIT 11: PERSONAL FINANCIAL LITERACY

SIXTH 6 WEEKS:

- TEKS RS UNIT 12: ESSENTIAL UNDERSTANDINGS OF PROPORTIONALITY
- TEKS RS UNIT 13: ESSENTIAL UNDERSTANDINGS OF EQUATIONS

GIFTED AND TALENTED

MS.BRIGGS NUECES CANYON ELEMENTARY/ ROOM 14 BBRIGGS@NCCISD.NET

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The Gifted and Talented Program for Nueces Canyon CISD is for academically and intellectually gifted students in grades K-12. At the elementary level students are served through a pull-out program. Through the use of the Texas Performance Standards Projects students will be heightening their learning experiences by producing advanced-level products and/or performances. The opportunities the program provides are equal with the abilities of the gifted and talented students, and emphasize content in the four (4) core academic areas.

COURSE OUTLINE SEMESTER ONE

- AUGUST EXPLORE TEXAS PERFORMANCE STANDARDS PROJECT SELECTION: RESEARCH
 PROPOSALS
- SEPTEMBER AND OCTOBER- PHASE ONE: LEARNING EXPERIENCES:
- •

DEVELOPMENT OF QUESTIONS; SOURCES OF INFORMATION; COLLECTION OF DATA; ANALYSIS AND INTERPRETATION OF DATA

Elicit, engage, explore, and explain

- NOVEMBER AND DECEMBER- GUIDED RESEARCH:
- •

TEKS- BASED LESSONS AND PERFORMANCES TO BE USED IN LARGE GROUPS, IN SMALL GROUPS, AND/OR INDIVIDUALLY.

PHASE ONE ACTIVITIES ALLOW STUDENTS TO WORK WITH ADVANCED CONTENT AND PROCESSES THROUGH A DISCIPLINE-BASED RESEARCH MODEL. PHASE ONE IS DEVELOPMENT AND FORMATIVE.

COURSE OUTLINE SEMESTER TWO

• JANUARY AND FEBRUARY- PHASE TWO: INDEPENDENT RESEARCH

STUDENTS SELECT RESEARCH TOPICS, GUIDING QUESTIONS, AND FACILITATION SUGGESTIONS FOR ALL STEPS OF THE RESEARCH PROCESS, INCLUDING IDEAS FOR SHARING FINDINGS.

Elaborate, Explain, Evaluate, and Extend

MARCH AND APRIL- PRODUCT DEVELOPMENT, PERFORMANCE, AND COMMUNICATION

THE PRODUCT IS A CULMINATION OF THE STUDENT'S COMPREHENSIVE STUDY AND MUST DEMONSTRATE MYSTERY OF CONTENT AND PROCESS SKILLS. THE FINAL PRODUCT MAY BE IN ONE OF THE FOLLOWING FORMATS:

-written product, such as a formal paper, website, or literary work -performance, such as an exhibit of theatrical production

• MAY- PRODUCT FINALIZATION; REHEARSALS;

CAMPUS SHOWCASE INDEPENDENT RESEARCH PROJECT REQUIREMENTS INCLUDE A PRODUCT/PERFORMANCE, AN ABSTRACT, A PROCESS RECORD, AND A PRESENTATION WITH A QUESTION-AND -ANSWER SESSION.

CURRICULUM TOOLS

TEKS RESOURCE SYSTEM- YAG (YEAR AT A GLANCE) TEKS RESOURCE SYSTEM- VAD (VERTICAL ALIGNMENT DOCUMENT) TEXAS PERFORMANCE STANDARD PROJECT <u>https://www.texaspsp.org/</u>

DYSLEXIA

MS.BRIGGS NUECES CANYON ELEMENTARY/ 1-6/ ROOM 14 BBRIGGS@NCCISD.NET

Welcome to a new! I hope you had a fantastic break and are ready for a new year. To help you prepare for success, this syllabus gives details about the course and my expectations for the class.

COURSE DESCRIPTION

This course uses the Reading By Design curriculum to assist in overcoming difficulties with reading. Students will make connections with letter knowledge to sound knowledge. As well as learning to decode words and understand their meaning in order to comprehend what they read.

COURSE OUTLINE

IMPORTANT DATES

8/30- UNIT 01 TEST: PLACE VALUE, WHOLE NUMBERS, AND DECIMALS
9/13- UNIT 02 TEST: ADDITION AND SUBTRACTION OF DECIMALS AND WHOLE NUMBERS
9/27- UNIT 03 TEST: MULTIPLICATION OF WHOLE NUMBERS
10/13- UNIT 04 TEST: DIVISION OF WHOLE NUMBERS
11/7- UNIT 05 TEST: ALL OPERATIONS
12/12- UNIT 06 TEST: FRACTIONS
1/11- UNIT 07 TEST: DATA REPRESENTATION
2/2- UNIT 08 TEST: MEASUREMENT
2/23- UNIT 09 TEST: GEOMETRY- POINTS, LINES, AND ANGLES
3/20- UNIT 10 TEST: MAKING ANGLES
4/17- UNIT 11 TEST: MAKING CONNECTIONS
5/10- UNIT 12 TEST: ESSENTIAL UNDERSTANDING OF ALL OPERATIONS

IMPORTANT DATES

9/5- UNIT 01 TEST: EXTENDING WHOLE NUMBER OPERATIONS 9/27- UNIT 02 TEST: ALGEBRAIC REASONING 10/6- UNIT 03 TEST: FINANCIAL LITERACY 10/18- UNIT 04 TEST: EXTENDING DECIMALS 11/13- UNIT 05 TEST: DECIMAL MULTIPLICATION AND DIVISION 12/11- UNIT 06 TEST: ADDITION AND SUBTRACTION OF FRACTIONS 1/18- UNIT 07 TEST: MULTIPLICATION AND DIVISION OF WHOLE NUMBERS BY A FRACTION 2/12- UNIT 08 TEST: GEOMETRY AND MEASUREMENT 2/29- UNIT 09 TEST: PATTERNS ON A COORDINATE PLANE 3/25- UNIT 10 TEST: REPRESENTING DATA 4/16- UNIT 11 TEST: MAKING CONNECTIONS 5/6 - UNIT 12 TEST: ESSENTIAL UNDERSTANDING OF DECIMALS 5/20- UNIT 13 TEST: ESSENTIAL UNDERSTANDING OF FRACTIONS

IMPORTANT DATES

8/30- UNIT 01 TEST: EQUIVALENT FORMS OF FRACTIONS, DECIMALS, AND PERCENTS
9/11- UNIT 02 TEST: ORDERING FRACTIONS, DECIMALS, AND INTEGERS
9/28- UNIT 03 TEST: OPERATIONS WITH POSITIVE DECIMALS AND FRACTIONS
10/16- UNIT 04 TEST: OPERATIONS WITH INTEGERS
11/10- UNIT 05 TEST: PROPORTIONAL REASONING WITH RATIOS AND RATES
12/8- UNIT 06 TEST: EQUIVALENT EXPRESSIONS AND ONE-VARIABLE EQUATIONS
1/17- UNIT 07 TEST: ONE-VARIABLE INEQUALITIES
2/6- UNIT 08 TEST: ALGEBRAIC REPRESENTATIONS OF TWO-VARIABLE RELATIONSHIPS
2/28- UNIT 09 TEST: GEOMETRY AND MEASUREMENT
4/2- UNIT 10 TEST: DATA ANALYSIS
4/15- UNIT 11 TEST: PERSONAL FINANCIAL LITERACY
5/1- UNIT 12 TEST: ESSENTIAL UNDERSTANDING OF EQUATIONS

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