



Monday 02/08/2021

Math

Standards

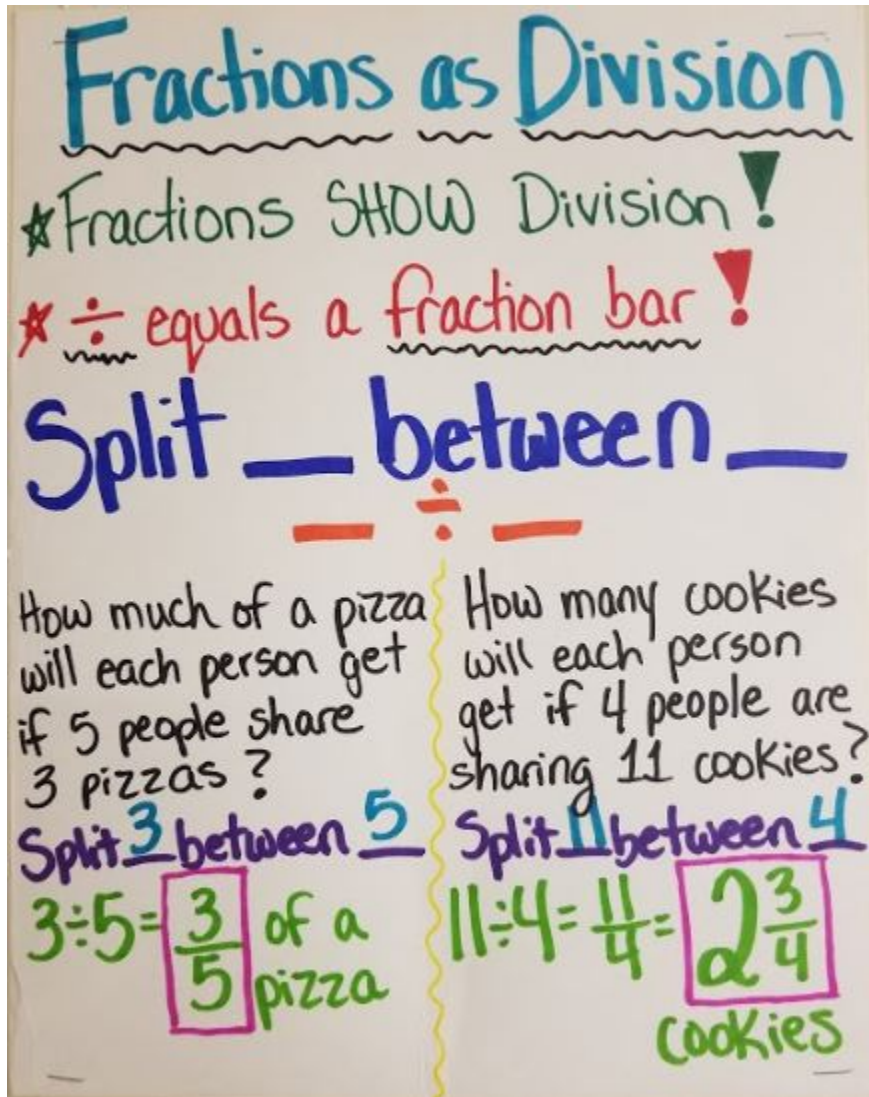
MAFS.5.NF.2.3 Interpret a fraction as division of the numerator by the denominator ($a/b = a \div b$). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or equations to represent the problem. (DOK 2)

Objectives / Essential Question

LEARNING TARGET: I can interpret a fractions as division of the numerator by the denominator.

ACADEMIC LANGUAGE: area, denominator, dividend, divisor, mixed number, numerator, partition, quotient, rectangular array, unit fraction

ANCHOR CHART(S):



Lesson / Instruction



WHOLE GROUP:

- Warm up: Mountain Math Spiral Review
- Introduce fractions as division (this is not really a new concept to them)
- Use soft cookies to demonstrate equal sharing (groups)

INDEPENDENT PRACTICE:

- Centers

CENTERS:

- **Small Group/Remediation:** Dividing fractions
- **IXL:** K.16 & K.17
- **Instructional Videos:** Math Antics - <http://www.youtube.com/watch?v=3xwDryouw6o&t=109s> Fractions as Quotients - <http://www.youtube.com/watch?v=QzMEqxd2Cr8>
- **FlipGrid:** Use the provided playdoh & tools to explain how to divide 3 whole parts into 2 groups with each group having the same amount. What fraction would be in each group?
- **Interactive Notebook:** Equal Sharing interactive notebook
- **Math Journal:** How is a fraction related to division? Use pictures and examples to explain.
- **Real World Application:** Fractions as Division Color by Number
- **Task Cards:** Fractions as Division Task Cards
- **Spiral Review/Word Problem of the Day:** Set 3B, #6-10
- **Early Finishers:** IXL L.13, In the Kitchen Packet, Multiplying Fractions Color by Number
- **iReady:** 1 lesson + quiz

Attachments

- [FractionsasDivisionGameUKnowReviewGame5thGrade5NF3-1.pdf](#)
- [FractionsasDivision.pptx](#)
- [5NF3InterpretingFractionsasDivisionTaskCards-1.pdf](#)
- [ConnectingFractionstoDivisionWordProblemsColorbyNumberValentinesDay-1.pdf](#)
- [equalsharinginternactivenotebook.pdf](#)
- [EqualSharingWordProblemswithPatternBlocksFractionsandDivision5NF3-1.pdf](#)
- [FractionsasDivisionWordProblems-1.pdf](#)
- [TaskCardsInterpretingFractionsasDivisionMAFS5NF23-1.pdf](#)
- [12.10.14DivisionandFractionswithMidland.pptx](#)

Science



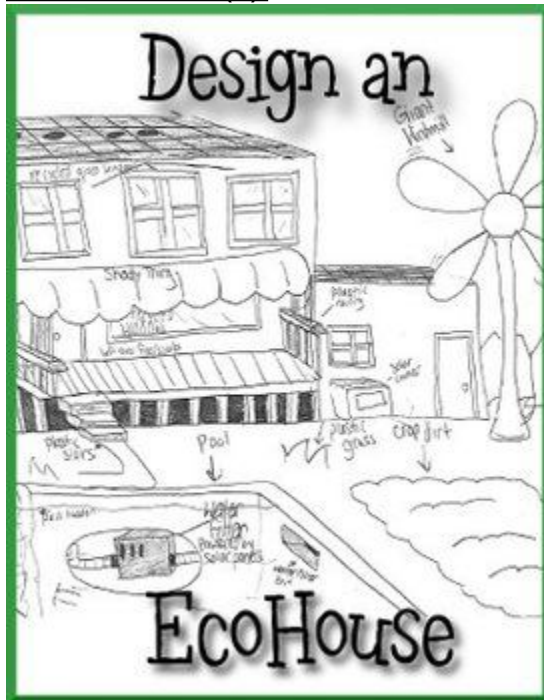
Energy project

Objectives / Essential Question

LEARNING TARGET: I can use what I know about energy and create a design for a eco friendly home.

ACADEMIC LANGUAGE: absorb, bend, change, conduct/conductor, energy: chemical, electrical, heat (thermal), light, mechanical, sound, friction, heat flow, heat gain, heat loss, insulator (poor conductor), motion, opaque, pitch, reflect, sound, translucent, transparent, vibration, electricity, transformation, attract, electric charge: negative, positive, neutral, electricity, repel, static electricity, closed circuit, conductors, open circuit, simple circuit, switches

ANCHOR CHART(S):



Lesson / Instruction

Whole Group:

- TW introduce the energy project using videos to show and project packet
- Home energy ideas examples: http://www.youtube.com/watch?v=jMG4AQAP0II&ab_channel=TysonJerry
- http://www.youtube.com/watch?v=guDnChwtMdU&ab_channel=TysonJerry
- Bill Nye's energy home: http://www.youtube.com/watch?v=H5s1ia50-aw&ab_channel=WallStreetJournal

Activity:

SW use what they have learned about energy and research idea to design an eco friendly home for a **summative grade.**





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Tuesday 02/09/2021

Math

Standards

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ACADEMIC LANGUAGE: area, denominator, dividend, divisor, mixed number, numerator, partition, quotient, rectangular array, unit fraction

ANCHOR CHART(S):

Lesson / Instruction

WHOLE GROUP:

- Warm up: Mountain Math Spiral Review
- Review how to interpret fractions as division/quotients

INDEPENDENT PRACTICE:

- [Practice page](#)

CENTERS:

- **Small Group/Remediation:** Dividing fractions
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Science

Energy project

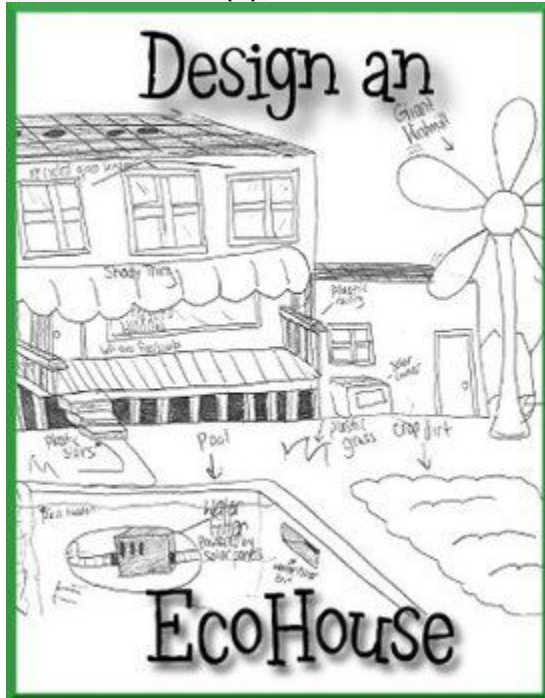
Objectives / Essential Question



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ANCHOR CHART(S):



Lesson / Instruction

Whole Group:

- Continue to work on project

Activity: SW use what they have learned about energy and research idea to design an eco friendly home for a summative grade.

Attachments

[energyproject.pdf](#)



Wednesday 02/10/2021

Math

Standards

MAFS.5.NF.2.3 Interpret a fraction as division of the numerator by the denominator ($a/b = a \div b$). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or equations to represent the problem. (DOK 2)

Objectives / Essential Question

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ANCHOR CHART(S):

Lesson / Instruction

WHOLE GROUP:

- Warm up: Mountain Math Spiral Review
- Word problems - fractions as division

INDEPENDENT PRACTICE:

- Practice page (word problems)

CENTERS:

- **Small Group/Remediation:** Dividing fractions
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Science

Energy project

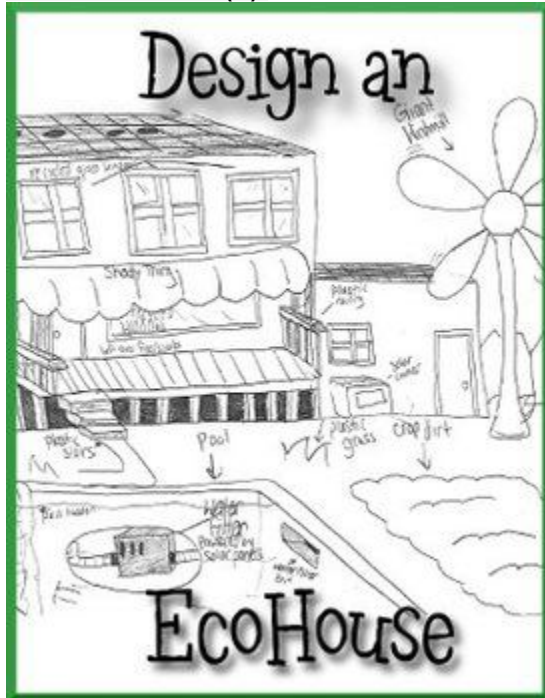
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ANCHOR CHART(S):



Lesson / Instruction

Whole Group:

- Continue to work on project

Activity: SW use what they have learned about energy and research idea to design an eco friendly home for a summative grade.



Thursday 02/11/2021

Math

Standards

MAFS.5.NF.2.3 Interpret a fraction as division of the numerator by the denominator ($a/b = a \div b$). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or equations to represent the problem. (DOK 2)

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ANCHOR CHART(S):

Lesson / Instruction

WHOLE GROUP:

- Warm up: Mountain Math Spiral Review
- Explain directions for "u-know" game

INDEPENDENT PRACTICE:

- SW get in groups and play fractions as division "u-know" - groups of 3-4
- Formative Assessment

CENTERS:

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Formative

Fractions as Division FORMATIVE



Attachments

[DividingFractionsQuiz.docx](#)

Science

Energy review for summative

Objectives / Essential Question

LEARNING TARGET: I can take a test on what I have learned about energy.

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Lesson / Instruction

WHOLE GROUP:

- Electricity Kahoot Review: <http://create.kahoot.it/details/circuits-and-electricity/6ee671c0-729d-43c5-a72a-95d6e4737ecc>
- Review circuits - Phet Exploration
- QR Code Scavenger Hunt

ACTIVITY:

- Review for Test



Friday 02/12/2021

Math

Standards

MAFS.5.NF.2.3 Interpret a fraction as division of the numerator by the denominator ($a/b = a \div b$). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or equations to represent the problem. (DOK 2)

MAFS.5.NF.2.7 Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions. (DOK 2)

MAFS.5.NF.2.7.a Interpret division of a unit fraction by a non-zero whole number, and compute such quotients.

MAFS.5.NF.2.7.b Interpret division of a whole number by a unit fraction, and compute such quotients.

MAFS.5.NF.2.7.c Solve real world problems involving division of unit fractions by non-zero whole numbers and division of whole numbers by unit fractions, e.g., by using visual fraction models and equations to represent the problem.

Objectives / Essential Question

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ANCHOR CHART(S):

Lesson / Instruction

WHOLE GROUP:

- Warm up: Mountain Math Spiral Review
- Review for Summative on Dividing Fractions - Go over review sheet

INDEPENDENT PRACTICE:

- Centers
- TW pull small groups

CENTERS:

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Science

Energy summative



Objectives / Essential Question

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Lesson / Instruction

WHOLE GROUP:

- After test students can share their projects with the class.

ACTIVITY:

- Review for Test

Attachments

[ElectricitySummative.docx](#)