

Suggested Illustrative Mathematics Tasks

Number and Operations- Fractions

3rd Grade

3.NF.1 – Naming the Whole of a Fraction- Good task to look at tape drawings and MP.3

<https://www.illustrativemathematics.org/content-standards/NF/3/A/1/tasks/833>

3.MD.3, 3.G, 3.NF.1 – $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{6}$ Lots of options here!

<https://www.illustrativemathematics.org/content-standards/NF/3/A/1/tasks/1502>

Operations and Algebraic Thinking

K- Bobbie's Buttons

<https://www.illustrativemathematics.org/content-standards/OA/K/A/3/tasks/175>

Make 9

<https://www.illustrativemathematics.org/content-standards/OA/K/A/3/tasks/177>

1st – 20 Tickets

<https://www.illustrativemathematics.org/content-standards/1/OA/A/1/tasks/1152>

2nd- Pencil and a sticker

<https://www.illustrativemathematics.org/content-standards/2/OA/A/1/tasks/1>

Saving Money – Really good commentary with several solutions shown

<https://www.illustrativemathematics.org/content-standards/2/OA/A/1/tasks/1309>

3rd- Valid Equalities?

<https://www.illustrativemathematics.org/content-standards/3/OA/B/5/tasks/1821>

Addition Patterns – I really like this task!!

<https://www.illustrativemathematics.org/content-standards/3/OA/D/9/tasks/953>

4th- Comparing Growth Variation 1 – Such great conversation here

<https://www.illustrativemathematics.org/content-standards/4/OA/A/tasks/356>

Comparing Money Raised- Great commentary and several solutions provided

<https://www.illustrativemathematics.org/content-standards/4/OA/A/2/tasks/263>

5th- You can multiply 3 numbers in anyway. Good commentary and visual solutions provided

<https://www.illustrativemathematics.org/content-standards/5/OA/A/tasks/1631>

Comparing Products- shows value in thinking before doing and emphasis drawing
<https://www.illustrativemathematics.org/content-standards/5/OA/A/2/tasks/139>

Expressions and Equations

6th – Rectangle Perimeter 3- Part c is the key to this
<https://www.illustrativemathematics.org/content-standards/6/EE/A/tasks/931>

Distance to School- May need teacher commentary
<https://www.illustrativemathematics.org/content-standards/6/EE/A/2/tasks/540>

6th and 7th – Anna in DC – great option. Great commentary & good solutions shown
<https://www.illustrativemathematics.org/content-standards/6/EE/A/3/tasks/997>

7th- Discounted Books – Strong MP.3 and real-world connection
<https://www.illustrativemathematics.org/content-standards/7/EE/B/3/tasks/478>

6th and 8th – Pennies from Heaven- Great 4 Solutions with commentary provided
<https://www.illustrativemathematics.org/content-standards/8/EE/A/3/tasks/1291>

8th – Folding a Square into Thirds- interesting hands-on activity
<https://www.illustrativemathematics.org/content-standards/8/EE/B/tasks/1571>

High School Algebra

A.SSE.1 – Animal Populations – great MP.3 connection, will need to think abstractly
<https://www.illustrativemathematics.org/content-standards/HSA/SSE/A/1/tasks/436>

A.SSE – Kitchen Floor Tiles – task helps develop algebraic expressions through patterns
<https://www.illustrativemathematics.org/content-standards/HSA/SSE/A/1/tasks/215>

A.APR- Trina’s Triangles – Interesting and various ways to get answer
<https://www.illustrativemathematics.org/content-standards/HSA/APR/C/4/tasks/594>

A.CED- Bernardo and Sylvia Play a Game- Great Task!! May be too long to complete
<https://www.illustrativemathematics.org/content-standards/HSA/CED/A/1/tasks/1010>