

Legos and Fractions?

Let's explore! With your partner, just explore and play with your bag of Legos.

What did you create? Did you use all of your Legos on one masterpiece?

Now comes the big question. How can we use Legos to better understand fractions? In our Fraction Unit we will be learning about Equivalent Fractions, adding and subtract fractions with like denominators, adding and subtract fractions with unlike and even multiplying fractions.

Task 1: How can you use Legos to represent equivalent fractions? Demonstrate visually ways to: draw models, share examples and explain in words what you discovered.

Task 2: How can you use Legos to add and subtract fractions with **like** denominators? On a separate piece of paper, draw models, share examples, write equations and explain in words what you discovered.

Task 3: How can you use Legos to represent mixed numbers and improper fractions. How can you convert from one form to another using Legos as your tool? Follow along with the video to complete your task.

Task 4: How can you use Legos to add and subtract fractions with **like** denominators? On a separate piece of paper, draw models, share examples, write equations and explain in words what you discovered.

Task 5: How can you use Legos to represent the process of multiplying fractions? On a separate piece of paper, draw models, share examples, write equations and explain in words what you discovered.

The Grand Finale: Choose one of the tasks you completed to create your own Educreation Lesson. Be sure to have your plan clearly written and represented. You can share your lesson with another group and see how it goes.