Fraction Fruit Salad

Science
Living Things (Human Life):

- develop an awareness of the importance of food for energy and growth (design and make a nutritious meal) (3rd and 4th)
- develop a simple understanding of food and nutrition (5th and 6th)

Maths
Number (Fractions and Decimals):
- identify fractions and equivalent forms of fractions with denominators 2, 4, 8 and 10 (3rd class)
- identify fractions and equivalent forms of fractions with denominators 2, 3, 4, 5, 6, 8, 9, 10 and 12 (4th class)
  (construct and cut out simple fractions of regular shapes record using diagrams or fraction charts)

Activity
This simple activity encourages students to integrate their knowledge of healthy food choices and nutrition as well as incorporating their prior knowledge and extending their understanding of fractions.

The following recipes are only suggestions pupils could follow. The activity can be as open or as closed as the teacher likes.

Students could use their own ingredients with a teacher directed criteria of including specific fractions or students could have a recipe including all fractions with denominators 2, 3, 4, 5, 6, 8, 9, 10 and 12

NOTE: Supervision may be required if using a sharp knife to cut fruit.

Instructions:

1. Gather ingredients
2. Carefully cut to desired fraction (teacher led or student led criteria)
3. Take picture of each fraction to share with class on digital platform (assessment)
4. Mix in a bowl
5. Taste and enjoy

Suggested 3rd Class Recipe

½ of an Apple

¼ of a Kiwi

$\frac{5}{8}$ of a Strawberry (are they equal?)

$\frac{7}{10}$ of a Banana

Take 4 Grapes and cut them into a fraction of your choice

Optional

½ a cup of orange juice or a big spoon of honey or yoghurt

Suggested 4th Class Recipe

$\frac{5}{8}$ of an Apple

$\frac{9}{12}$ of a Banana

¾ of a Kiwi

$\frac{5}{6}$ of a Strawberry

Take 10 blueberries. What fraction of the blueberries will you add?

Optional

½ a cup of orange juice or a big spoon of honey or yoghurt

This activity can be further extended by including pupils own questions for future fraction salad inquiries.

For example:

1. What fraction of fruit makes the best fruit salad?
2. What are the equivalent fractions for...?
3. Which fruit salad has the most nutrients?
4. What fraction of the whole fruit salad has Vitamin C in it (e.g. of the 5 fruits I selected for my salad, 3 of them were rich in vitamin C, that's ⅗ or 60% of my fruit salad etc)