

Fraction Strategies

AC
EA
AA
AM
AP

Paper-folding Fractions

Task

In groups of three you are to make a poster to teach people how to use paper folding to create different sorts of fractions. Your poster must explain how to make halves, quarters, eighths, thirds, fifths, sixths, tenths and other fractions you have not made yet (like twentieths) as well as why this method works.

This poster is to be put on the wall.

Phase 2

For this phase of the project, the finished posters must be on the wall.

Task

- 1) Your group must make up a marking schedule that you can use to mark the work of other groups. To do this:
 - start by writing what you think is important for the poster to have on it
 - think about how clear you want people's explanations to be, and how you will mark these
 - consider what marks you will give for presentation.

Remember this is a maths poster, so the most important thing is the quality of the mathematics, even though we want the presentation to be eye-catching.

- 2) Once you have done this, and have a draft marking schedule, see if it helps you mark the posters, as you may find that there are other things you need to consider.
 - Be prepared to discuss your mark schedule with the teacher and other groups before you create the final marking schedule
- 3) Use your marking schedule to mark the projects. For each one write a paragraph that explains why it has got the mark it has, and give one example of something that if added or changed would have given a higher mark.
 - Hand in your marking to the teacher