Fractions: Shooting Stars

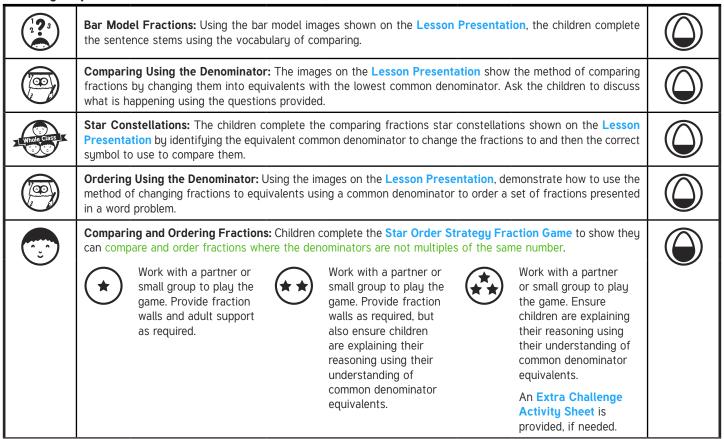
Aim: Success Criteria: Resources: Compare and order fractions, including I can use bar models to compare and order **Lesson Pack** fractions > 1. Whiteboards and pens - class set I can compare and order fractions where the I can use the greater-than and less-than denominators are not multiples of the same symbols to compare fractions. number. I can use a common denominator to compare and order fractions. Key/New Words: Preparation: Fraction, numerator, denominator, Star Order Strategy Fraction Game - one lowest common multiple, lowest common per pair or small group denominator, greater than (>), less than (<). Extra Challenge Activity Sheet - as required Diving into Mastery Activity Sheets - as

Prior Learning: It will be helpful if children have previous experience of comparing fractions with the same denominator and of finding equivalent fractions.

required

Fraction Wall - as required

Learning Sequence







Diving into Mastery: Schools using a mastery approach may prefer to use the following as an alternative activity. These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.





Children complete fluency questions involving comparing and ordering fractions where the denominators are not multiples of the same number.



Children answer reasoning questions involving comparing and ordering fractions where the denominators are not multiples of the same number, explaining their reasoning.



Children work individually or collaboratively on a problem-solving investigation involving comparing and ordering fractions where the denominators are not multiples of the same number.





Fraction Puzzle: On their whiteboards, the children find a way to complete the fraction statement shown on the **Lesson Presentation**. If they create a statement different to anyone else in their group, they score a point. The highest score at the end wins.

Exploreit

Rollit: Children roll a dice twice and use the numbers to create a proper fraction. They find a fraction which is larger than it and a fraction which is smaller than it, both with different denominators.

Raceit: In pairs, each child writes a fraction on a whiteboard. They show each other their fractions and race to complete a comparison statement using both fractions.

