



## KIRFS- Year 6 Autumn, Spring and Summer Term

### Target:

By the end of Autumn term, your child should be able to ....

- Recall multiplication and division facts and relate these to place value.

By the end of Spring term, your child should be able to ....

- Convert between decimals, fractions and percentages.
- Identify prime numbers up to 50.

By the end of Summer term, your child should be able to ....

- Know the decimal and percentage equivalents of the fractions  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{3}{4}$ ,  $\frac{1}{3}$ ,  $\frac{2}{3}$ , tenths and fifths.
- Know the square roots of square numbers to  $15 \times 15$ .

### Activities to try at home:

Have some post-it notes with FDP equivalence on and use as flash cards



### Fractions and Decimals Maths Games



### Prime And Composite Numbers Games - Ages 4 - 11 | EYFS, KS1, KS2

## Key Vocabulary

Tenths, hundredths, thousandths, numerator, denominator, equivalent, square number, square root (and their symbols), percent, factors, multiples, multiply, divide, dividend, power of...

## Questions to ask

Is ... a prime number?

What if this number was 10 times larger?

What numbers go into/are factors of...?

What is 50% as a decimal?

What is  $\frac{3}{4}$  as a percentage? Or decimal?

What is 10% as a decimal?

Make matching cards at home (like the ones from the parent workshop) to match fractions, decimals and percentages.

Learn a Prime Number song or rap - there are lots on Youtube!



[Online Square Root Math Games for Kids](#)

BBC Bitesize website

[Order and compare fractions, decimals and percentages by converting them - Maths - Learning with BBC Bitesize](#)



Oak National Academy website

[Use knowledge of fraction-decimal-percentage conversions to solve problems in a range of contexts KS2 | Y6 Maths Lesson Resources |](#)

[Oak National Academy](#)

