



**Kents Hill Junior School**  
Academy Status

# **Kents Hill Junior School**

## **Times Table Challenge**

# Times Tables Challenge

## Why should pupils learn times tables?

Knowing the Times Tables inside out is essential for moving on easily to most other things in mathematics including division, fractions, decimals, percentages and algebra.

Many people will remember the problems set at school about men digging holes, baths filling with the plug out, trains travelling toward each other etc. These seemed not to have any relevance to life but in fact we use times tables facts almost every day in many different ways:

- To calculate the cost of a number of items e.g. 1 bar of chocolate costs 75p, how much will 10 bars cost?
- To work out the number of calories in the 10 bars of chocolate we have just eaten if 1 bar contains 250 calories.
- To find out how many miles we will have to run to burn up all the calories if running one mile burns up only 100 calories.

Children who know their times tables facts will be able to answer questions more quickly and be able to focus on using other maths strategies in more complex problems rather than being slowed down by the multiplication. Knowing times tables can also increase confidence levels as this part of the question becomes easy.

## The Kents Hill Junior School 'Times Tables Challenge'

We are introducing a new school 'Times Tables Challenge' award system to encourage the children to learn their times tables.

The challenge focuses on rewarding children when they are proficient in a number of times tables. Children will be assessed on their Times Table knowledge using a speed test. The speed test is a 5 minute multiplication and division recall test, in which the children have to achieve above the pass mark 3 times consecutively in order to progress to the next level. These tests will be carried out once a week.

## **Rewards**

Certificates and badges will be awarded at each level. These will be given out in our Celebration Assembly on a Friday. When a pupil completes the Platinum level they will be awarded a certificate, a badge and a prize.

### **Times Tables Challenges**

#### **Bronze level Challenge (Pass mark - 90/111):**

I am proficient and can recall my times tables up to 12x12

#### **Silver Level Challenge (Pass mark - 90/111):**

I can apply my multiplication knowledge to division.

#### **Gold Level Challenge (Pass mark - 96/111):**

I can apply my multiplication knowledge when multiplying decimals.

#### **Platinum Level Challenge (Pass mark - 97/100):**

I can apply my multiplication knowledge when multiplying and dividing decimals.