

Dear Parents and Carers,

### **Re: Times Tables Tracker**

In the new Primary National Curriculum, times tables up to 12 x 12 are something which children are required to know and understand by Year 4. To help with this, we are introducing a new Times Tables Tracker so children and adults know where pupils are up to in their learning of times tables.

#### **What is it?**

A way of tracking children's progress towards learning all multiplication and division facts up to 12 x 12, as is required by Year 4 in the new Primary National Curriculum. This is an opportunity for children to learn the division facts which are the inverse of the times tables they have learned previously. Traditionally, times tables were learned in order;  $1 \times 3 = 3$ ,  $2 \times 3 = 6$ . However, this is not useful for the real life application of those times tables or for completing written multiplication or division. Therefore, children will be tested in a random order of multiplication and division facts.

#### **How does it work?**

The tracker works via a set of awards which cover certain times tables (multiplication and division facts):

<b>Award</b>	<b>Tables</b>	<b>Tests (in order) - multiplication and division facts for:</b>	<b>Total Tests</b>
Bronze	10, 5	10 / 5 / <b><u>5,10</u></b>	3
Silver	2, 4, 8	2 / 4 / 8 / <b><u>5,10,2,4,8</u></b>	4
Gold	3, 6, 9	3 / 6 / 9 / <b><u>5,10,2,4,8,3,6,9</u></b>	4
Platinum	7	7 / <b><u>All tables 1-10</u></b>	2
Diamond	11, 12	11 / 12 / <b><u>All tables 1-12</u></b>	3

Children can practise at the following website: [www.timestables.me.uk](http://www.timestables.me.uk) and can print off practice tests here: <http://www.timestables.me.uk/printable-pdf-quiz-generator.htm>

They need to know which times table they are working on so they can choose the correct options. Tests will cover both the "Times by" and "Divide by" options and children should complete 40 questions correctly in 4 minutes.

#### **What is a multiplication and division fact?**

The multiplication and division facts for 3, 4 and 12 are:

$$3 \times 4 = 12 \quad 4 \times 3 = 12 \quad 12 \div 3 = 4 \quad 12 \div 4 = 3$$

A child learning the 3 or 4 times tables will need to know all 4 facts.

#### **What do children need to do?**

- Practise the multiplication and division facts using flashcards, online games, repetition and other strategies. There will be some opportunities to practise in school as well as at home.

- Complete the tests in class..

**What can parents do to help?**

- Help children to practise the multiplication and division facts, encouraging them to give quick responses.
- Celebrate when children complete awards and come home with a sticker.

**How is progress tracked?.**

- Teachers will record on a class tracker where individuals are working.
- Any children who are struggling to learn their times tables will get help at school as well.

**How is success rewarded?.**

- When children complete the final test for each award (in bold above), we will celebrate that achievement in assemblies.

This tracker will be starting soon so please discuss this with your child and find out which award and test they are working on each week.

Many thanks for your support with this,

<b>Times Tables Tracker</b>				<b>All combined</b>	<b>DONE!</b>
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<b>Bronze</b>	<b>10</b>	<b>5</b>		<b>5 and 10</b>	
<b>Silver</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>2, 4, 8, 5 and 10</b>	
<b>Gold</b>	<b>3</b>	<b>6</b>	<b>9</b>	<b>3, 6, 9, 2, 4, 8, 5 and 10</b>	
<b>Platinum</b>	<b>7</b>			<b>7, 3, 6, 9, 2, 4, 8, 5 and 10</b>	
<b>Diamond</b>	<b>11</b>	<b>12</b>		<b>All 1 to 12</b>	