**St Thomas More**
**New Curriculum Presentation**

9 July 2014

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**What is the National Curriculum?**

- The National Curriculum outlines the programmes of study in maintained/state primary and secondary schools in England
- It sets out what children should learn in Key Stages 1 & 2
- The Early Years Foundation Stage Curriculum is separate and covers Nursery & Reception

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**The content of the National Curriculum**

- It identifies what to teach but not how to teach
- In primary schools it consists of eleven subjects and Religious Education
- Three core subjects (English, Maths, Science) with detailed programmes of study

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**Overview**

- From September 2014 it is compulsory for children in years 1, 3, 4, & 5 to follow the new curriculum
- Children in Years 2 & 6 exempted from the following new curriculum in the core subjects and will be tested on the old programmes of study
- Present Year 4 will be the first to be tested against the expectations of the New Curriculum in 2016

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**Maths**

It goes further than the previous curriculum, approximately 30% is new content for each year

Increased emphasis on learning and practising the “fundamentals of maths” such as times tables, number facts & formal written calculations

More problem-solving with a particular focus on multi-step problems and more emphasis on money and time

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**Maths Key Stage 1**

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
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</thead>
<tbody>
<tr>
<td>Counting &amp; writing numerals to 100</td>
<td>Telling the time to the nearest 5 minutes</td>
</tr>
<tr>
<td>Write numbers in words up to 20</td>
<td>Finding/fraction of quantities (and weights)</td>
</tr>
<tr>
<td>Number bonds secured to 20</td>
<td>Adding two 2-digit numbers</td>
</tr>
<tr>
<td>Use of vocabulary such as equal, more than, less than, fewer, etc.</td>
<td>Adding three 1-digit numbers</td>
</tr>
</tbody>
</table>

Make comparisons using < > = symbols
Maths Lower Key Stage 2

Year 3
- Whole number methods for addition/subtraction
- 8 times tables revisited
- Understanding, ordering & subtracting fractions with common denominators
- Tell time to the nearest minute, including 24 hour clock and using Roman numerals
- Know the number of seconds in a minute and the number of days in each month, year and leap year

Maths Upper Key Stage 2

Year 4
- Know multiplication tables to 12 x 12
- Solving problems with fractions and decimals to two decimal places
- Roman numerals to 100
- Dividing by 10 and 100 (incl. with decimal answers)
- Finding perimeter/area of composite shapes

Maths—How can I support my child?

• **KEY TIP ONE**
  Keep memorised facts and skills simmering—once children have been taught a particular set of number facts such as the bonds to 10 or the 3x table, or a specific skill such as counting in tens or hundreds, they need to keep these ‘on-the-boil’

• **KEY TIP TWO**
  Regular practice of key mental strategies—adding near multiples of 10, 100 etc. i.e. 458 - 199, near doubles, mental number line

Science

• **Strong focus on scientific knowledge and language, rather than understanding the nature and methods of science in abstract terms.**

• Evolution will be taught in primary schools for the first time

• Non-core subjects like caring for animals will be replaced by topics like the human circulatory system

English

• **Stronger emphasis on vocabulary development, grammar, punctuation and spelling** (for example, the use of commas and apostrophes will be taught in KS1)

• Handwriting—is expected to be fluent, legible and speedy

• Spoken English has a greater emphasis, with children to be taught debating and presenting skills

ICT/Computing

• **Computing replaces Information and Communication Technology (ICT), with a greater focus on programming rather than on operating programs**

• From age five, children will learn to write and test simple programs, and to organise, store and retrieve data

• From seven, they will be taught to understand computer networks, including the internet

• Internet safety
**Foundation Subjects**

Modern Foreign Languages
- Now compulsory
- Listening
- Speaking
- Reading
- Writing, including basic grammar

PE
- KS1: focus on mastering basic skills and playing team games
- KS2: Developing skills in context of team games and competition
- Swimming compulsory (Yr 4)

**Foundation Subjects**

Geography
- Increased focus on geographical knowledge:
  - KS1: Name continents and home countries
  - KS1: Compare local geography to UK & world
  - KS2: Locate world countries; UK cities & regions
  - KS2: Use compass points & 6-figure grid references

History
- Reduced emphasis on sources & methodology:
  - Significant changes in KS2 breadth of study;
  - Victorian/Britain since 1990 & Tudors removed
  - Stone age added
  - Slightly changes to ancient civilisation options
  - A non-European study must be included

**Foundation Subjects**

Art & Design
- Use drawing, paint & sculpture to share ideas
- Collage techniques in pixel, line, form, etc.
- Learn about the work of artists and designers
- Create & maintain sketch books

Design & Technology
- Design
- Make
- Evaluate
- Technical Knowledge

Music
- KS1: focus on experimentation with voice and tuned and untuned instruments
- Musical elements (pitch, tempo, etc.) renamed as 'time-related dimensions'
- KS2: Introduce staff and other notation
- KS2: Develop understanding of history of music

**How we implement the curriculum**

- Subject Approach: where children are taught specific skills or knowledge of a particular subject i.e. maths, RE, science, English
- Cross curricular approach: children are able to apply the skills and concepts gained from subject teaching in a purposeful and meaningful way.

**Questions?**

**Resources**
- maths & English
- www.tsmprimary.org
- Feedback