

# MATHS – KEY/FAST FACTS

As we know, regular practice of Reading and Spellings really makes a difference to how children perform with their learning as they grow and move through the school.

As a school we have identified Key Maths facts that if learnt well and retained, enable children to really succeed in their maths lessons. We want to work closely with parents to give them the tools to support their children with mathematical knowledge.

## How you can support your child

**Each Term** – We will send home in your child’s book bag (blue folder) a Fast Facts Sheet (see examples below)

**FAST FACTS 2 – AUTUMN 1**  
Practise regularly at home

Number Bonds to 20

$0 + 20 = 20$	$10 + 10 = 20$
$1 + 19 = 20$	$11 + 9 = 20$
$2 + 18 = 20$	$12 + 8 = 20$
$3 + 17 = 20$	$13 + 7 = 20$
$4 + 16 = 20$	$14 + 6 = 20$
$5 + 15 = 20$	$15 + 5 = 20$
$6 + 14 = 20$	$16 + 4 = 20$
$7 + 13 = 20$	$17 + 3 = 20$
$8 + 12 = 20$	$18 + 2 = 20$
$9 + 11 = 20$	$19 + 1 = 20$

Counting in 10s	Number Recognition																																																																																																					
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**KEY FACTS 6 – AUTUMN 1**  
Practise regularly at home

Geometry

Angles on a straight line always total 180°.

Angles around a point always total 360°.

**Parallel**

Lines that will never meet and so change the same distance apart.

**Perpendicular**

Lines that meet at a right angle (90°)

Cubed Numbers	Prime Numbers																																																																																																				
$1^3 \quad 1 \times 1 \times 1 = 1$	<table border="1" style="font-size: 8px; width: 100%; text-align: center;"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr><tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr><tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr><tr><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td></tr><tr><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td></tr><tr><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td></tr><tr><td>61</td><td>62</td><td>63</td><td>64</td><td>65</td><td>66</td><td>67</td><td>68</td><td>69</td><td>70</td></tr><tr><td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td></tr><tr><td>81</td><td>82</td><td>83</td><td>84</td><td>85</td><td>86</td><td>87</td><td>88</td><td>89</td><td>90</td></tr><tr><td>91</td><td>92</td><td>93</td><td>94</td><td>95</td><td>96</td><td>97</td><td>98</td><td>99</td><td>100</td></tr></table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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$6^3 \quad 6 \times 6 \times 6 = 216$																																																																																																					

These will typically be things they should practice, memorise, have rapid recall of.

Families can use the sheet provided and practice or learn these facts however they please. Freckle & TT-Rockstars may be beneficial, but also board games and other practical activities are more fun and engaging.

<https://www.weareteachers.com/15-fun-ways-to-practice-math/>

## What will happen in school

Twice a week, during maths lessons the children will be ‘quizzed’ on the fast facts that they are currently working on. We will remain flexible and ensure that the children are working on a stage which best fits their current level of ability.

The quiz will be a short, timed (approx. 5mins) test to recall what they ‘know’. The questions will not change for the term so that children can recognise their progress and build their confidence. (see example of school worksheet below)

## FAST FACTS 2

$2 \times 3 =$ $4 \times 3 =$ $9 \times 3 =$ $5 \times 3 =$ $7 \times 3 =$ $3 \times 3 =$ $8 \times 3 =$ $6 \times 3 =$	$5 \times 5 =$ $3 \times 5 =$ $9 \times 5 =$ $7 \times 5 =$ $2 \times 5 =$ $6 \times 5 =$ $4 \times 5 =$ $8 \times 5 =$	$3 \times 10 =$ $5 \times 10 =$ $2 \times 10 =$ $7 \times 10 =$ $9 \times 10 =$ $4 \times 10 =$ $8 \times 10 =$ $7 \times 10 =$	What is 10 more than? <b>6 -</b> <b>54 -</b> <b>33 -</b> <b>26 -</b> <b>67 -</b> <b>82 -</b> <b>94 -</b>
$2 + 9 =$ $9 + 5 =$ $19 - 4 =$ $11 - 3 =$ $17 + 5 =$  $20 - 2 =$ $20 - 5 =$ $20 - 8 =$ $20 - 16 =$ $20 - 12 =$	What is the 2 worth in these numbers? <b>24 -</b> <b>42 -</b> <b>82 -</b> <b>23 -</b>  What is the 5 worth in these numbers? <b>45 -</b> <b>56 -</b> <b>95 -</b> <b>53 -</b>	$20 + 30 =$ $30 + 40 =$ $70 - 50 =$ $80 - 20 =$ $40 + 30 =$  $100 - 20 =$ $100 - 60 =$ $100 - 2 =$ $100 - 25 =$ $100 - 45 =$	Write these numbers in digits <b>two -</b> <b>nine -</b> <b>fourteen -</b> <b>twelve -</b> <b>eight -</b> <b>sixteen -</b> <b>twenty -</b> <b>seventy -</b>
Put these numbers in order from smallest to biggest: <b>42 87 2 19 66</b>			
Put these numbers in order from biggest to smallest: <b>35 86 12 65 99</b>			
Put either $>$ $\leq$ or $=$ in the number sentences below to make them correct:			
<b>15 12</b>	<b>45 86</b>	<b>15 15</b>	
<b>35 38</b>	<b>22 22</b>	<b>15 12</b>	

Copies of all the fast facts sheets used in school and the answer sheets will be available in the Learning section of our school website.

The screenshot shows the website for Woodley Church of England Primary School. The navigation menu includes 'Our School', 'Learning', 'Information', 'Parents & Carers', 'Calendar', 'Contact', and 'PTA'. The 'Learning' section is expanded, showing a sidebar with 'Curriculum' and 'Maths' categories. Under 'Maths', there are links for 'Maths Curriculum', 'The White Rose Scheme', 'School Calculation Policy & Methods', and 'White Rose - For Parents'. The main content area features four large images: 'MATHS CURRICULUM & PROGRESSION' (a child writing), 'White Rose Maths' (a colorful logo), 'SCHOOL CALCULATION METHODS & POLICY' (a chalkboard with math symbols), and 'HELPING YOUR CHILD AT HOME' (a child at a desk).

Thank you for your support with this

Mr Blakely & Mrs Morton (Maths Lead)