

THIRD GRADE	Resource: Rocket Math					
	1 st Six Weeks	2 nd Six Weeks	3 rd Six Weeks	4 th Six Weeks	5 th Six Weeks	6 th Six Weeks
Multiplication	40 facts using multiples of 2, 5 and 10 with automaticity at 60% within 2 minutes	40 facts using multiples of 0, 1, 2, 3, 4, 5 and 10 with automaticity at 60% within 2 minutes	40 facts using multiples of 0, 1, 2, 3, 4, 5, 6, 8, 9 and 10 with automaticity at 60% within 2 minutes	40 facts up to fact families of 12 x 12 with automaticity at 60% within 2 minutes	40 facts up to fact families of 12 x 12 with automaticity at 80% within 2 minutes	40 facts up to fact families of 12 x 12 with automaticity at 90% within 2 minutes
Division	40 facts using multiples of 2, 5 and 10 with automaticity at 50%	40 facts using multiples of 0, 1, 2, 3, 4, 5 and 10 with automaticity at 50% within 2 minutes	40 facts using multiples of 0, 1, 2, 3, 4, 5, 6, 8, 9 and 10 with automaticity at 50% within 2 minutes	40 facts up to fact families of 12 x 12 with automaticity at 60% within 2 minutes	40 facts up to fact families of 12 x 12 with automaticity at 80% within 2 minutes	40 facts up to fact families of 12 x 12 with automaticity at 90% within 2 minutes

THIRD GRADE	Resource: Rocket Math
	1 st Six Weeks
Multiplication	Students should be able to skip count by 2's, 5's, and 10's.
Review	Review basic subtraction facts, such as $17 - 9 = 8$, $17 - 8 = 9$.

Fact Families:	Activities to Help at Home:																																										
1st Six Weeks (times 2, times 5, times 10)																																											
<table border="0"> <tr> <td>2 x 0 = 0</td> <td>5 x 7 = 35</td> </tr> <tr> <td>2 x 1 = 2</td> <td>5 x 8 = 40</td> </tr> <tr> <td>2 x 2 = 4</td> <td>5 x 9 = 45</td> </tr> <tr> <td>2 x 3 = 6</td> <td>5 x 10 = 50</td> </tr> <tr> <td>2 x 4 = 8</td> <td>5 x 11 = 55</td> </tr> <tr> <td>2 x 5 = 10</td> <td>5 x 12 = 60</td> </tr> <tr> <td>2 x 6 = 12</td> <td></td> </tr> <tr> <td>2 x 7 = 14</td> <td></td> </tr> <tr> <td>2 x 8 = 16</td> <td>10 x 0 = 0</td> </tr> <tr> <td>2 x 9 = 18</td> <td>10 x 1 = 10</td> </tr> <tr> <td>2 x 10 = 20</td> <td>10 x 2 = 20</td> </tr> <tr> <td>2 x 11 = 22</td> <td>10 x 3 = 30</td> </tr> <tr> <td>2 x 12 = 24</td> <td>10 x 4 = 40</td> </tr> <tr> <td></td> <td>10 x 5 = 50</td> </tr> <tr> <td>5 x 0 = 0</td> <td>10 x 6 = 60</td> </tr> <tr> <td>5 x 1 = 5</td> <td>10 x 7 = 70</td> </tr> <tr> <td>5 x 2 = 10</td> <td>10 x 8 = 80</td> </tr> <tr> <td>5 x 3 = 15</td> <td>10 x 9 = 90</td> </tr> <tr> <td>5 x 4 = 20</td> <td>10 x 10 = 100</td> </tr> <tr> <td>5 x 5 = 25</td> <td>10 x 11 = 110</td> </tr> <tr> <td>5 x 6 = 30</td> <td>10 x 12 = 120</td> </tr> </table>	2 x 0 = 0	5 x 7 = 35	2 x 1 = 2	5 x 8 = 40	2 x 2 = 4	5 x 9 = 45	2 x 3 = 6	5 x 10 = 50	2 x 4 = 8	5 x 11 = 55	2 x 5 = 10	5 x 12 = 60	2 x 6 = 12		2 x 7 = 14		2 x 8 = 16	10 x 0 = 0	2 x 9 = 18	10 x 1 = 10	2 x 10 = 20	10 x 2 = 20	2 x 11 = 22	10 x 3 = 30	2 x 12 = 24	10 x 4 = 40		10 x 5 = 50	5 x 0 = 0	10 x 6 = 60	5 x 1 = 5	10 x 7 = 70	5 x 2 = 10	10 x 8 = 80	5 x 3 = 15	10 x 9 = 90	5 x 4 = 20	10 x 10 = 100	5 x 5 = 25	10 x 11 = 110	5 x 6 = 30	10 x 12 = 120	<p>*Subtraction flash cards Link to print out free flash cards - http://www.memory-improvement-tips.com/support-files/subtraction-0-12-vertical.pdf http://www.memory-improvement-tips.com/support-files/subtraction-13-17-vertical.pdf http://www.memory-improvement-tips.com/support-files/subtraction-18-20-vertical.pdf</p> <p>*Multiplication flash cards- pull out 2's, 5's, and 10's facts Link to print out free flash cards - http://www.multiplication.com/resources/free-multiplication-flash-cards</p> <p>*Practice writing multiples of 2's, 5's, and 10's.</p> <p>*Students watch, learn, and sing skip counting songs for 2's, 5's, and 10's. https://www.youtube.com/watch?v=8wwydguSKOU https://www.youtube.com/watch?v=awKIEMyleA https://www.youtube.com/watch?v=uYRTtwZGwj8</p>
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THIRD GRADE	Resource: Rocket Math
	2 nd Six Weeks
Multiplication	Students should be able to skip count by 0's, 1's, 2's, 3's, 4's, 5's, and 10's.
Review	Review basic subtraction facts.

Fact Families:	Activities to Help at Home:
2nd Six Weeks (times 0, times 1, times 3, times 4) 0 x 0 = 0 3 x 3 = 9 0 x 1 = 0 3 x 4 = 12 0 x 3 = 0 3 x 6 = 18 0 x 4 = 0 3 x 7 = 21 0 x 6 = 0 3 x 8 = 24 0 x 7 = 0 3 x 9 = 27 0 x 8 = 0 0 x 9 = 0 4 x 4 = 16 4 x 6 = 24 1 x 1 = 1 4 x 7 = 28 1 x 3 = 3 4 x 9 = 36 1 x 4 = 4 1 x 6 = 6 1 x 7 = 7 1 x 8 = 8 1 x 9 = 9	<p>*Subtraction flash cards Link to print out free flash cards - - http://www.memory-improvement-tips.com/support-files/subtraction-0-12-vertical.pdf http://www.memory-improvement-tips.com/support-files/subtraction-13-17-vertical.pdf http://www.memory-improvement-tips.com/support-files/subtraction-18-20-vertical.pdf</p> <p>*Multiplication flash cards – pull out facts for 0's, 1's, 2's, 3's, 4's, 5's, and 10's. Link to print out free flash cards - http://www.multiplication.com/resources/free-multiplication-flash-cards</p> <p>*Practice writing multiples of 0's, 1's, 2's, 3's, 4's, 5's, and 10's.</p> <p>*Students watch, learn, and sing skip counting songs for 3's and 4's. https://www.youtube.com/watch?v=MWxPKnLt nus https://www.youtube.com/watch?v=VSn2O4mTYD4</p>

THIRD GRADE	Resource: Rocket Math
	3 rd Six Weeks
Multiplication	Students should be able to skip count by 0's, 1's, 2's, 3's, 4's, 5's, 6's, 8's, 9's, and 10's.
Review	Review skip counting.

Fact Families:	Activities to Help at Home:
3rd Six Weeks (times 6, times 8, times 9)	<p>*Multiplication flash cards – pull out 6's, 8's, and 9's facts. Link to print out free flash cards - http://www.multiplication.com/resources/free-multiplication-flash-cards</p>
<p>6 x 6 = 36 6 x 7 = 43 6 x 8 = 48 6 x 9 = 54</p> <p>8 x 7 = 56 8 x 8 = 64 8 x 9 = 72</p> <p>9 x 7 = 63 9 x 9 = 81</p>	<p>*Practice writing multiples of 6, 8, and 9.</p> <p>*Students watch, learn, and sing skip counting songs for 6, 8, and 9. https://www.youtube.com/watch?v=xpbc-1a7IMo https://www.youtube.com/watch?v=3SwaOvWD-PY https://www.youtube.com/watch?v=hOpI1FwPIh0</p> <p>*Multiplication fact games http://www.multiplication.com/games/all-games</p>

THIRD GRADE	Resource: Rocket Math
	4 th Six Weeks
Multiplication	Students should be able to multiply factors of 0-12.
Division	Students should be able to divide by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10.

Fact Families:	Activities to Help at Home:
4th Six Weeks (times 7, times 11, times 12) 7 x 7 = 49 12 x 0 = 12 11 x 0 = 11 12 x 1 = 12 11 x 1 = 11 12 x 2 = 24 11 x 2 = 22 12 x 3 = 36 11 x 3 = 33 12 x 4 = 48 11 x 4 = 44 12 x 5 = 60 11 x 5 = 55 12 x 6 = 72 11 x 6 = 66 12 x 7 = 84 11 x 7 = 77 12 x 8 = 96 11 x 8 = 88 12 x 9 = 108 11 x 9 = 99 12 x 10 = 120 11 x 10 = 110 12 x 12 = 144 11 x 11 = 121 11 x 12 = 132	<p>*Multiplication flash cards: 0-12 facts. Link to print out free flash cards - http://www.multiplication.com/resources/free-multiplication-flash-cards</p> <p>*Division flash cards Link to print out free flash cards - http://www.memory-improvement-tips.com/support-files/division-0-12-vertical.pdf</p> <p>*Practice writing multiples of 11 and 12.</p> <p>*Students watch, learn, and sing skip counting songs for 11's and 12's. https://www.youtube.com/watch?v=kjvEHA3vYH8 https://www.youtube.com/watch?v=CxoTD2cR8qc</p> <p>*Multiplication fact games http://www.multiplication.com/games/all-games</p>

THIRD GRADE	Resource: Rocket Math
	5 th Six Weeks
Multiplication	Students should be able to multiply factors of 0-12.
Division	Students should be able to divide by 11 and 12.
Fact families are to be taught for multiplication and division such as $7 \times 8 = 56$ represents $7 \times 8 = 56$, $8 \times 7 = 56$, $56 \div 8 = 7$ and $56 \div 7 = 8$.	

Fact Families:	Activities to Help at Home:
5th Six Weeks	
Review all multiplication and division facts learned throughout the year.	<p>Multiplication flash cards: 0-12 facts. Link to print out free flash cards - http://www.multiplication.com/resources/free-multiplication-flash-cards</p> <p>*Division flash cards Link to print out free flash cards - http://www.memory-improvement-tips.com/support-files/division-0-12-vertical.pdf</p> <p>Division games http://www.multiplication.com/games/division-games</p>

THIRD GRADE	Resource: Rocket Math
	6 th Six Weeks
Multiplication	Review all facts.
Division	Review all facts.
Fact families are to be taught for multiplication and division such as $7 \times 8 = 56$ represents $7 \times 8 = 56$, $8 \times 7 = 56$, $56 \div 8 = 7$ and $56 \div 7 = 8$.	

Fact Families:	Activities to Help at Home:
6th Six Weeks	*Multiplication fact games http://www.multiplication.com/games/all-games
Review all multiplication and division facts learned throughout the year.	*Division games http://www.multiplication.com/games/division-games