

Year 3 SEAC Mental Maths Homework for Spring 1



This term your child will be working on this target in their mental maths learning.

8 times table

The minimum expectation of engagement in mental maths homework is the same as reading. **3 times a week for at least 5 minutes each session. KS2 – As a minimum expectation, your child must complete the weekly sessions set for them, by the class teacher on TT-Rockstars. These sessions are monitored by the KS2 team via the online forum.** Below are some additional suggestions for activities you could do in a 5 minute session.

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<p>With a partner, have a try at 'Ping Pong'. This is a verbal activity where each player answers the next multiplication answer in numeric order of the set times table. E.g. Player 1 - '8' Player 2 - '16' Player 1 - '24' Player 2 - '32' and so on...</p> <p>You can time yourself to challenge your recall.</p>	<table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <thead> <tr> <th>X</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th></tr> </thead> <tbody> <tr><td>1</td><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>2</td><td>2</td><td>4</td><td>6</td><td>8</td><td>10</td><td>12</td><td>14</td><td>16</td><td>18</td><td>20</td></tr> <tr><td>3</td><td>3</td><td>6</td><td>9</td><td>12</td><td>15</td><td>18</td><td>21</td><td>24</td><td>27</td><td>30</td></tr> <tr><td>4</td><td>4</td><td>8</td><td>12</td><td>16</td><td>20</td><td>24</td><td>28</td><td>32</td><td>36</td><td>40</td></tr> <tr><td>5</td><td>5</td><td>10</td><td>15</td><td>20</td><td>25</td><td>30</td><td>35</td><td>40</td><td>45</td><td>50</td></tr> <tr><td>6</td><td>6</td><td>12</td><td>18</td><td>24</td><td>30</td><td>36</td><td>42</td><td>48</td><td>54</td><td>60</td></tr> <tr><td>7</td><td>7</td><td>14</td><td>21</td><td>28</td><td>35</td><td>42</td><td>49</td><td>56</td><td>63</td><td>70</td></tr> <tr><td>8</td><td>8</td><td>16</td><td>24</td><td>32</td><td>40</td><td>48</td><td>56</td><td>64</td><td>72</td><td>80</td></tr> <tr><td>9</td><td>9</td><td>18</td><td>27</td><td>36</td><td>45</td><td>54</td><td>63</td><td>72</td><td>81</td><td>90</td></tr> <tr><td>10</td><td>10</td><td>20</td><td>30</td><td>40</td><td>50</td><td>60</td><td>70</td><td>80</td><td>90</td><td>100</td></tr> </tbody> </table> <p>Use a multiplication grid to help you learn your 8 times table in sequence. When you feel confident with your recall, ask an adult to test you using a differentiated order of questioning. Use a counter/object as a marker to show your answers</p>	X	1	2	3	4	5	6	7	8	9	10	1	1	2	3	4	5	6	7	8	9	10	2	2	4	6	8	10	12	14	16	18	20	3	3	6	9	12	15	18	21	24	27	30	4	4	8	12	16	20	24	28	32	36	40	5	5	10	15	20	25	30	35	40	45	50	6	6	12	18	24	30	36	42	48	54	60	7	7	14	21	28	35	42	49	56	63	70	8	8	16	24	32	40	48	56	64	72	80	9	9	18	27	36	45	54	63	72	81	90	10	10	20	30	40	50	60	70	80	90	100	<p>With a partner choose a random number from a deck of number cards. Multiply the number card by 8. Write down the calculation E.g. $8 \times 5 = 40$. Score yourselves out of 10. Do you think you can beat your partner?</p> <div style="text-align: center;">  </div>
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<p>Practise your 8 times tables whilst out walking, or whilst riding your bike. Make up a song or chant to yourself.</p> 	<p>Click on the link below to play the bowling game. Choose a player option and length of game. Select 8 times table (option 8) and press the play button to the right of your screen. Answer the multi-choice questions to bowl the ball. https://mathsframe.co.uk/en/resources/resource/504/Super-Maths-Bowling-Multiplication</p>	<p>With a partner create 8 times tables multiplication problems. E.g.</p> <p><input style="width: 30px; height: 20px;" type="text"/> $\times 8 = 56$</p> <p>$8 \times$ <input style="width: 30px; height: 20px;" type="text"/> $= 16$</p>																																																																																																																									
<p>Use the link below to access a random number generator and pick a number between 1 and 10. Times the chosen number by 8 e.g. $2 \times 8 = 16$. Show your recall by saying the answer out loud. http://ichoice.io/ten-random-numbers</p>	<p>Using our active learning strategy for recalling mental maths facts, create a set of actions for the 8 times table E.g. Chant $1 \times 8 = 8$ whilst doing star jumps, chant $2 \times 8 = 16$ whilst doing pencil jumps and so on...</p>	<p>Match the answer to the calculations.</p> <table style="width: 100%;"> <tr><td>1×8</td><td>32</td></tr> <tr><td>3×8</td><td>8</td></tr> <tr><td>10×8</td><td>40</td></tr> <tr><td>4×8</td><td>24</td></tr> <tr><td>5×8</td><td>80</td></tr> </table>	1×8	32	3×8	8	10×8	40	4×8	24	5×8	80																																																																																																															
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<p>Listen to and join in with these 8 times table songs.</p> <p>https://youtu.be/AqIFWR-1ACs</p> <p>https://youtu.be/TdqAA9Ky2DY</p>	<p>Play on Hit the Button. Select the 8 times table option. If you keep a log of your scores you will see the progress of your recall.</p> <p>https://www.topmarks.co.uk/maths-games/hit-the-button</p> 	<p>As a role play activity, ask your child to be the teacher. Ask your child to create some times tables questions for you to answer. They will need to mark the answers that you have written (you need to write some incorrectly for them to mark too). If your child is confident you can reverse roles.</p>

If you have chosen to complete some of these additional activities, you can show this to your child's class teacher and child champion by uploading 1 Dojo post a week, onto your child's portfolio. Thanks, the KS2 Team.