**R2 Multiplication Tables Medium Term Plan – Y4**

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| **Autumn 1**  | **Week 1** | **Week 2** | **Week 3** | **Week 4**  | **Week 5** | **Week 6** | **Week 7** |
| **Multiplication Tables** | **Consolidation of 2, 3, 4, 5, 6, 8 and 10** (Can also be used to finish 6x table if need be) | **Consolidation of 2, 3, 4, 5, 6, 8 and 10** (Can also be used to finish 6x table if need be) | **Counting in Multiples of 7** | **7X (1x7, 2x7, 5x7, 10x7)** | **7X (3x7, 4x7)** | **7x (6x7, 7x7, 8x7)** | **7x (9x7, 11x7, 12x7)** |
| **Lesson 1** | Mixed practice (2x, 5x,10x)**Resource – 2x, 5x, 10x Table Mixed Practice** | Mixed practice (4x and 8x)**Resource – 4x and 8x Table Mixed Practice** | Using counting stick, introduce counting in 7sThis can also be taught using pictorials or resources  | Introduction of 1x7, 2x7, 5x7 and 10x7 (teaching of calculations with visuals and resources) | Introduce 3x7 and 4x7 (teaching of calculations with visuals and resources) | Introduction of 6x7, 7x7, and 8x7 (teaching of calculations with visuals and resources)Also teach double and half links between 3x7 and 6x7 and 4x7 and 8x7 | Introduction of 9x7, 11x7, and 12x7 (teaching of calculations with visuals and resources)Also teach double and half links between 6x7 and 12x7 |
| **Lesson 2** | Mixed practice (2x, 5x, 10x)**Resource – 2x, 5x, 10x Table Mixed Practice** | Mixed practice (3x, 4x, 5x)**Resource – 3x, 4x, 5x Table Mixed Practice** | Build on yesterday’s lesson by increasing fluency. Children to begin as a group with the teacher using counting stick before practicing with partners and in groups  | Practice of these 4 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) | Practice of 3x7 and 4x7 calculations (include calculation from previous weeks depending on competence) using resources and pictorialsDeveloping onto inclusion of division facts (for those that are ready) | Practice of these 3 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) | Practice of these 3 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) |
| **Lesson 3** | Mixed practice (3x and 6x)**Resource – 3x and 6x Table Mixed Practice** | Mixed practice (3x, 4x, 5x)**Resource – 3x, 4x, 5x Table Mixed Practice** | Develop onto counting in 7s from different starting points | Games and activities based around these four calculations Include investigation of tables children are finding more challenging | Games and activities based around these two calculations as well as others already learnt if ready (focus on 3x7 and 4x7)Include investigation of tables children are finding more challenging | Games and activities based around these three calculations as well as others already learnt if ready (focus on 6x7, 7x7 and 8x7)Include investigation of tables children are finding more challenging | Games and activities based around these three calculations and well as others already learnt if ready (focus on 9x7, 11x7 and 12x7)Include investigation of tables children are finding more challenging |
| **Lesson 4** | Mixed practice (3x and 6x)**Resource – 3x and 6x Table Mixed Practice** | Mixed practice (all taught so far - 2, 3, 4, 5, 6, 8 and 10)**Resource – 2x,3x,4x,5x,6x,8x,10x Table Mixed Practice** | In pairs children to test each other’s ability to follow sequence and continue it One child counting in 7s and then stops randomly, the other has to continue.  | Drilling of calculations with division facts**Resource – 7x Table Week 1 (4 weeks)** | Drilling of calculations with division facts **Resource – 7x Table Week 2 (4 weeks)** | Practice and drilling of calculations with division facts**Resource – 7x Table Week 3 (4 weeks)** | Practice and drilling of calculations with division facts**Resource – 7x Table Week 4 (4 weeks)** |
| **Lesson 5**  | Mixed practice (4x and 8x) **Resource – 4x and 8x Table Mixed Practice** | Mixed practice (all taught so far - 2, 3, 4, 5, 6, 8 and 10)**Resource – 2x,3x,4x,5x,6x,8x,10x Table Mixed Practice** | Provide children with written sequences with missing numbers for them to complete  | Test on these 4 calculations both in and out of order. Extend to division facts.**Resource – 7x Table Week 1 (4 weeks)** | Test on these 3 calculations both in and out of order. Extend to division facts.**Resource – 7x Table Week 2 (4 weeks)** | Test on all 2 calculations taught both in and out of order. Extend to division facts.**Resource – 7x Table Week 3 (4 weeks)** | **MTC style test of 7x table (if devices available).** **If not, Resource – 7x Table Mixed Practice** |

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| **Autumn 2**  | **Week 1** | **Week 2** | **Week 3** | **Week 4**  | **Week 5** | **Week 6** | **Week 7** |
| **Multiplication Tables** | **Counting in 9s** | **9X (1x9, 2x9, 5x9, 10x9)** | **9X (3x9, 4x9)** | **9x (6x9, 7x9, 8x9)** | **9x (9x9, 11x9, 12x9)** | **Assessment Week**  | **Mixed Practice (2x, 3x, 4x, 5x, 6x, 7x, 8x, 10x)**  |
| **Lesson 1** | Using counting stick, introduce counting in 9sThis can also be taught using pictorials or resources  | Introduction of 1x9, 2x9, 5x9 and 10x9 (teaching of calculations with visuals and resources) | Introduce 3x9 and 4x9 (teaching of calculations with visuals and resources) | Introduction of 6x9, 7x9, and 8x9 (teaching of calculations with visuals and resources)Also teach double and half links between 3x9 and 6x9 and 4x9 and 8x9 | Introduction of 9x9, 11x9, and 12x9 (teaching of calculations with visuals and resources)Also teach double and half links between 6x9 and 12x9 | Week to be used for all children to carry out MTC style assessment on 2x, 3x, 4x, 5x, 6x, 7x, 8x, 10x tables (Ideally towards the end of the week so children can carry out some mixed practice in preparation)Others to carry out mixed practice of tables taught so far  | Mixed practice (2x, 5x, 10x tables)**Resource – 2x, 5x, 10x Table Mixed Practice** |
| **Lesson 2** | Build on yesterday’s lesson by increasing fluency. Children to begin as a group with the teacher using counting stick before practicing with partners and in groups  | Practice of these 4 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) | Practice of 3x9 and 4x9 calculations (include calculation from previous weeks depending on competence) using resources and pictorialsDeveloping onto inclusion of division facts (for those that are ready) | Practice of these 3 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) | Practice of these 3 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) | Mixed practice (all taught so far - 2, 3, 4, 5, 6,7, 8 and 10)**Resource – 2x,3x,4x,5x,6x,7x,8x,10x Table Mixed Practice** | Mixed Practice (3x and 6x) **Resource – 3x and 6x Table Mixed Practice** |
| **Lesson 3** | Develop onto counting in 9s from different starting points | Games and activities based around these four calculations (Include investigation of tables children are finding more challenging) | Games and activities based around these two calculations as well as others already learnt if ready (focus on 3x9 and 4x9)Include investigation of tables children are finding more challenging | Games and activities based around these three calculations as well as others already learnt if ready (focus on 6x9, 7x9 and 8x9)Include investigation of tables children are finding more challenging | Games and activities based around these three calculations as well as others already learnt if ready (focus on 9x9, 11x9 and 12x9)Include investigation of tables children are finding more challenging | Mixed practice (all taught so far - 2, 3, 4, 5, 6,7, 8 and 10)**Resource – 2x,3x,4x,5x,6x,7x,8x,10x Table Mixed Practice** | Mixed practice (4x and 8x)**Resource – 4x and 8x Table Mixed Practice** |
| **Lesson 4** | In pairs children to test each others ability to follow sequence and continue it One child counting in 9s and then stops randomly, the other has to continue.  | Drilling of calculations with division facts**Resource – 9x Table Week 1 (4 weeks)** | Drilling of calculations with division facts **Resource – 9x Table Week 2 (4 weeks)** | Practice and drilling of calculations with division facts**Resource – 9x Table Week 3 (4 weeks)** | Practice and drilling of calculations with division facts**Resource – 9x Table Week 4 (4 weeks)** | Mixed practice (all taught so far - 2, 3, 4, 5, 6,7, 8 and 10)**Resource – 2x,3x,4x,5x,6x,7x,8x,10x Table Mixed Practice** | Revisit 7x**Resource – 7x Table Mixed Practice**  |
| **Lesson 5**  | Provide children with written sequences with missing numbers for them to complete  | Test on these 4 calculations both in and out of order. Extend to division facts**Resource – 9x Table Week 1 (4 weeks)** | Test on these 2 calculations both in and out of order. Extend to division facts.**Resource – 9x Table Week 2 (4 weeks)** | Test on these 3 calculations both in and out of order. Extend to division facts.**Resource – 9x Table Week 3 (4 weeks)** | **MTC style test of 9x table (if devices available).** **If not, Resource – 9x Table Mixed Practice**  | Mixed practice (all taught so far - 2, 3, 4, 5, 6,7, 8 and 10)**Resource – 2x,3x,4x,5x,6x,7x,8x,10x Table Mixed Practice** | Mixed practice (5x, 6x, 7x) **Resource – 5x, 6x, 7x Table Mixed Practice** |

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| **Spring 1** | **Week 1** | **Week 2** | **Week 3** | **Week 4**  | **Week 5** | **Week 6** |
| **Multiplication Tables** | **Counting in 11s**  | **11X (1x11, 2x11, 5x11, 10x11)** | **11X (3x11, 4x11)** | **11x (6x11, 7x11, 8x11)** | **11x (9x11, 11x11, 12x11)** | **Counting in 12s** |
| **Lesson 1** | Using counting stick, introduce counting in 11sThis can also be taught using pictorials or resources  | Introduction of 1x11, 2x11, 5x11 and 10x11 (teaching of calculations with visuals and resources) | Introduce 3x11 and 4x11 (teaching of calculations with visuals and resources) | Introduction of 6x11, 7x11, and 8x11 (teaching of calculations with visuals and resources)Also teach double and half links between 3x11 and 6x11 and 4x11 and 8x11 | Introduction of 9x11, 11x11, and 12x11 (teaching of calculations with visuals and resources)Also teach double and half links between 6x11 and 12x11 | Using counting stick, introduce counting in 12sThis can also be taught using pictorials or resources  |
| **Lesson 2** | Build on yesterday’s lesson by increasing fluency. Children to begin as a group with the teacher using counting stick before practicing with partners and in groups  | Practice of these 4 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) | Practice of 3x11 and 4x11 calculations (include calculation from previous weeks depending on competence) using resources and pictorialsDeveloping onto inclusion of division facts (for those that are ready) | Practice of these 3 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) | Practice of these 3 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) | Build on yesterday’s lesson by increasing fluency. Children to begin as a group with the teacher using counting stick before practicing with partners and in groups  |
| **Lesson 3** | Develop onto counting in 11s from different starting points | Games and activities based around these four calculations (Include investigation of tables children are finding more challenging) | Games and activities based around these two calculations as well as others already learnt if ready (focussing more on 3x11 and 4x11)Include investigation of tables children are finding more challenging | Games and activities based around these three calculations as well as others already learnt if ready (focus on 6x11, 7x11 and 8x11)Include investigation of tables children are finding more challenging | Games and activities based around these three calculations as well as others already learnt if ready (focus on 9x11, 11x11 and 12x11)Include investigation of tables children are finding more challenging | Develop onto counting in 12s from different starting points |
| **Lesson 4** | In pairs children to test each other’s ability to follow sequence and continue it One child counting in 11s and then stops randomly, the other has to continue.  | Drilling of calculations with division facts**Resource – 11x Table Week 1 (4 weeks)** | Drilling of calculations with division facts **Resource – 11x Table Week 2 (4 weeks)** | Practice and drilling of calculations with division facts**Resource – 11x Table Week 3 (4 weeks)** | Practice and drilling of calculations with division facts**Resource – 11x Table Week 4 (4 weeks)** | In pairs children to test each other’s ability to follow sequence and continue it One child counting in 12s and then stops randomly, the other has to continue.  |
| **Lesson 5**  | Provide children with written sequences with missing numbers for them to complete  | Test on these 4 calculations both in and out of order. Extend to division facts.**Resource – 11x Table Week 1 (4 weeks)** | Test on these 2 calculations both in and out of order. Extend to division facts.**Resource – 11x Table Week 2 (4 weeks)** | Test on these 3 calculations both in and out of order. Extend to division facts.**Resource – 11x Table Week 3 (4 weeks)** | **MTC style test of 11x table (if devices available).** **If not, Resource – 11x Table Mixed Practice**  | Provide children with written sequences with missing numbers for them to complete  |

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| **Spring 2**  | **Week 1** | **Week 2** | **Week 3** | **Week 4**  | **Week 5** | **Week 6** |
| **Multiplication Tables** | **12X (1x12, 2x12, 5x12, 10x12)** | **12X (3x12, 4x12)** | **12x (6x12, 7x12, 8x12)** | **12x (9x12, 11x12, 12x12)** | **Assessment Week**  | **Mixed practice (2x, 3x, 4x, 5x, 10x)**This could also be personalised for some pupils if deemed more beneficial  |
| **Lesson 1** | Introduction of 1x12, 2x12, 5x12 and 10x12 (teaching of calculations with visuals and resources) | Introduce 3x12 and 4x12 (teaching of calculations with visuals and resources) | Introduction of 6x12, 7x12, and 8x12 (teaching of calculations with visuals and resources)Also teach double and half links between 3x12 and 6x12 and 4x12 and 8x12 | Introduction of 9x12, 11x12, and 12x12 (teaching of calculations with visuals and resources)Also teach double and half links between 6x12 and 12x12 | Week to be used for all children to carry out MTC style assessment on all tables (Ideally towards the end of the week so children can carry out some mixed practice in preparation)Others to carry out mixed practice  | Mixed practice (2x, 5x, 10x)**Resource – 2x, 5x, 10x Table Mixed Practice**One group – MTC test practice on devices |
| **Lesson 2** | Practice of these 4 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) | Practice of 3x12 and 4x12 calculations (include calculation from previous weeks depending on competence) using resources and pictorialsDeveloping onto inclusion of division facts (for those that are ready) | Practice of these 3 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) | Practice of these 3 calculations using resources and pictorials Develop onto inclusion of division facts (for those that are ready) |  Mixed practice – all**Resource – All Mixed Practice**  | Mixed practice (2x, 5x, 10x) **Resource – 2x, 5x, 10x Table Mixed Practice**One group – MTC test practice on devices |
| **Lesson 3** | Games and activities based around these four calculations (Include investigation of tables children are finding more challenging) | Games and activities based around these two calculations as well as others already learnt if ready (focussing more on 3x12 and 4x12)Include investigation of tables children are finding more challenging | Games and activities based around these three calculations as well as others already learnt if ready (focus on 6x12, 7x12 and 8x12)(Include investigation of tables children are finding more challenging) | Games and activities based around these three calculations as well as others already learnt if ready (focus on 9x12, 11x12 and 12x12)(Include investigation of tables children are finding more challenging) | Mixed practice – all**Resource – All Mixed Practice**  | Mixed practice (3x and 4x) **Resource – 3x and 4x Table Mixed Practice**One group – MTC test practice on devices |
| **Lesson 4** | Drilling of calculations with division facts**Resource – 12x Table Week 1 (4 weeks)** | Drilling of calculations with division facts **Resource – 12x Table Week 2 (4 weeks)** | Practice and drilling of calculations with division facts**Resource – 12x Table Week 3 (4 weeks)** | Practice and drilling of calculations with division facts**Resource – 12x Table Week 4 (4 weeks)** | Mixed practice – all**Resource – All Mixed Practice**  | Mixed Practice (3x, 4x, 5x)**Resource – 3x, 4x, 5x Table Mixed Practice**One group – MTC test practice on devices |
| **Lesson 5**  | Test on these 4 calculations both in and out of order. Extend to division facts.**Resource – 12x Table Week 1 (4 weeks)** | Test on these 2 calculations both in and out of order. Extend to division facts.**Resource – 12x Table Week 2 (4 weeks)** | Test of these 3 calculations taught both in and out of order. Extend to division facts.**Resource – 12x Table Week 3 (4 weeks)** | **MTC style test of 12x table (if devices available).** **If not, Resource – 12x Table Mixed Practice**  | Mixed practice – all**Resource – All Mixed Practice**  | Mixed Practice (2x, 3x, 4x, 5x) **Resource – 2x, 3x, 4x, 5x Table Mixed Practice**One group – MTC test practice on devices |

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| **Summer 1**  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** |
| **Multiplication Tables** | **Mixed practice (4x, 8x, 12x)**This could also be personalised for some pupils if deemed more beneficial**One group each day – MTC test practice on devices** | **Mixed practice (3x, 6x, 9x)**This could also be personalised for some pupils if deemed more beneficial**One group each day – MTC test practice on devices** | **Mixed practice (7x, 11x, 12x)** This could also be personalised for some pupils if deemed more beneficial**One group each day – MTC test practice on devices** | Personalised targeted practice ready for MTC (using assessment info) and mixed practice of all tables learnt **Also, opportunities for children to practice MTC style tests**  | Personalised targeted practice ready for MTC (using assessment info) and mixed practice of all tables learnt **Also, opportunities for children to practice MTC style tests** | Personalised targeted practice ready for MTC (using assessment info) and mixed practice of all tables learnt **Also, opportunities for children to practice MTC style tests** |
| **Lesson 1** | Mixed practice (4x and 8x)**Resource – 4x and 8x Table Mixed Practice** | Mixed practice (3x and 6x)**Resource – 3x and 6x Table Mixed Practice** | Revisit 7x**Resource – 7x Table Mixed Practice** |  |  |  |
| **Lesson 2** | Mixed practice (4x and 8x)**Resource – 4x and 8x Table Mixed Practice** | Mixed practice (3x and 6x)**Resource – 3x and 6x Table Mixed Practice** | Revisit 7x**Resource – 7x Table Mixed Practice** |  |  |  |
| **Lesson 3** | Mixed practice (4x, 8x, 12x)**Resource – 4x, 8x, 12x Table Mixed Practice** | Mixed practice (3x, 6x, 9x)**Resource – 3x, 6x, 9x Table Mixed Practice** | Mixed practice (11x and 12x)**Resource – 11x and 12x Table Mixed Practice** |  |  |  |
| **Lesson 4** | Mixed practice (4x, 8x, 12x)**Resource – 4x, 8x, 12x Table Mixed Practice** | Mixed practice (5x, 6x, 7x)**Resource – 5x, 6x, 7x Table Mixed Practice** | Mixed practice (11x and 12x)**Resource – 11x and 12x Table Mixed Practice** |  |  |  |
| **Lesson 5**  | Mixed assessment **Resource – 4x, 8x, 12x Table Mixed Practice** | Mixed assessment **Resource – 3x, 6x, 9x Table Mixed Practice** | Mixed assessment **Resource – 7x Table Mixed Practice****Resource – 11x, 12x Table Mixed Practice** |  |  |  |

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| **Summer 2**  | **Week 1** | **Week 2** | **Week 3** | **Week 4**  | **Week 5** | **Week 6** |
| **Multiplication Tables** | **3 Weeks MTC test period**  | **3 Weeks MTC test period**  | **3 Weeks MTC test period**  | **Personalised practice ready for Y5** | **Personalised practice ready for Y5** | **Personalised practice ready for Y5** |
| **Lesson 1** | Personalised targeted practice ready for MTC (using assessment info) and mixed practice of all tables learnt  | Personalised targeted practice ready for MTC (using assessment info) and mixed practice of all tables learnt  | Personalised targeted practice ready for MTC (using assessment info) and mixed practice of all tables learnt  | Week used to target children with specific tables they need to improve on. They can use online resources (TT Rockstars), or this programs resources etc to practice those they are still not fluent in.Can also be used for more mixed practice | Week used to target children with specific tables they need to improve on. They can use online resources (TT Rockstars), or this programs resources etc to practice those they are still not fluent in.Can also be used for more mixed practice | Week used to target children with specific tables they need to improve on. They can use online resources (TT Rockstars), or this programs resources etc to practice those they are still not fluent in.Can also be used for more mixed practice |
| **Lesson 2** |  |  |  |  |  |  |
| **Lesson 3** |  |  |  |  |  |  |
| **Lesson 4** |  |  |  |  |  |  |
| **Lesson 5**  |  |  |  |  |  |  |