|  |  |  |
| --- | --- | --- |
|  | **Western Road Community Primary School Weekly Maths Plan** |  |
| **Class: Oak** | **Teacher: R Hamilton** | **Term: Four 2020** | **Week Beginning: 23.3.20** |
|  **Topic: Composition and Calculation: Numbers to 10,000,000** |
|  |  **Mental Starter/ Revision** | **Introduction** | **Core Group Extension Group Support Group** | **Plenary / Assessment / Next Steps** |
| Monday | **Practise the times table that is your weakest** | **WALT: Use arithmetic skills to solve problems.** | All groups – timed arithmetic challenge. Try to do all 36 questions in 30 mins. | Mark your work and see how you did. Work on anything that you found tricky. |
| **Tuesday** | KenKen Puzzles | **WALT: find a rule to solve one-step algebra equations**See Slide one of presentation |  **Varied Fluency** Go through this first: **Challenge B** Model solving similar tasks using presentation – varied fluency 1-4**Challenge B – Questions 5A-8A****Challenge A – Questions 1A-4A – they are similar in structure but with less complex values.****Challenge C – 9A-12A****Problem Solving (Star Challenge)****Go through this first: Star Challenge B** Model solving these reasoning chllenges using presentation. Chn make notes as needed and solve problems as a class.**Challenge B – Questions 4A-6A****Challenge A – Questions 1A-3A – they are similar in structure but with less complex values.****Challenge C – 7A-9A** | Discuss findings and misconceptions.**Adults to give feedback/mark work as appropriate.** |
| **Wednesday** | Revise questions from yesterday. | **WALT find a rule to solveo 2 step algebra problems**See Slide one of presentation | **Varied Fluency****Go through this first: Challenge B** Model solving similar tasks using presentation – varied fluency 1-4**Challenge B – Questions 5A-8A****Challenge A – Questions 1A-4A – they are similar in structure but with less complex values.****Challenge C – 9A-12A****Reasoning and Problem Solving (Star Challenges)**Go through this first: Star Challenge B Model solving these reasoning chllenges using presentation. Chn make notes as needed and solve problems as a class.**Challenge B – Questions 4A-6A****Challenge A – Questions 1A-3A – they are similar in structure but with less complex values.****Challenge C – 7A-9A** | Discuss findings and misconceptions.**Adults to give feedback/mark work as appropriate.** |
| **Thursday** | Revise questions from yesterday. | **WALT form expressions**See Slide one of presentation | **Varied Fluency****Go through this first: Challenge B** Model solving similar tasks using presentation – varied fluency 1-4**Challenge B – Questions 5A-8A****Challenge A – Questions 1A-4A – they are similar in structure but with less complex values.****Challenge C – 9A-12A****Reasoning and Problem Solving (Star Challenges)**Go through this first: Star Challenge B Model solving these reasoning chllenges using presentation. Chn make notes as needed and solve problems as a class.**Challenge B – Questions 4A-6A****Challenge A – Questions 1A-3A – they are similar in structure but with less complex values.****Challenge C – 7A-9A** | Discuss findings and misconceptions.**Adults to give feedback/mark work as appropriate.** |
| **Friday** | Revise questions from yesterday. | **WALT substitute values** | **Varied Fluency****Go through this first: Challenge B** Model solving similar tasks using presentation – varied fluency 1-4**Challenge B – Questions 5A-8A****Challenge A – Questions 1A-4A – they are similar in structure but with less complex values.****Challenge C – 9A-12A****Reasoning and Problem Solving (Star Challenges)**Go through this first: Star Challenge B Model solving these reasoning chllenges using presentation. Chn make notes as needed and solve problems as a class.**Challenge B – Questions 4A-6A****Challenge A – Questions 1A-3A – they are similar in structure but with less complex values.****Challenge C – 7A-9A** | Address areas of misconception. Identify areas to review tomorrow. |