Numeracy Medium term planning with differentiation.   Autumn Term 2017 A

The data for this class shows that 23 children are working within 40-60m, 3 children in 40-60+ and 1 at 30-50, 1 at 22-36m and 1 at 16-26m. Therefore the planning at this stage is general planning for the class but will be differentiated to meet the needs of all children on a weekly basis as we get to know the children better. Therefore some groups or individuals mau only do some of the activities as appropriate.

Week	Activities and groups adapted as necessary following ongoing formative assessments.	Starters Possibly whole class or group, depending on activity and level.	Group A ⬡ ELG/40-60+	Group B ▢ 40-60+	Group C △ 40-60+	Group D ◯ 40-60+ - 22-36
1	Birthdays.	Say days of the week.	Create a birthday display. Each group to use different mark making tools eg painting with sticks, flicking or printing (blow bubbles-SLCN children) to create 3 balloons. Add STC months. Children to join in with reciting months by rote. Draw picture of self to add to correct balloon. Children add date to back of self. Add own pictures to display. Recognise/recall own birthday month. Use over the year as a timeline to add details to... eg Christmas is in December.			
2 Red	Number and place value Sorting objects Counting objects	Counting forwards and backwards to and from 10. Start on 0, 10 or a different number.	See White Rose Autumn term plans week 1-4 Number and place value. Fluency-Sorting objects and selves in a variety of ways, explain how they have sorted them. Reasoning and problem solving-Answer teacher led questions eg How many ways can you sort the children. How have the objects been sorted? Fluency-count objects up to 10 including counting smaller sets as part of a larger one. Match objects to the correct number. Use the picture to complete the number sentences.			
3 Yellow	Number and place value Representing objects-fluency	Counting to 20 forwards from 0, from 10 and if ready from any other single number.	Use counters to match pictorial quantities (pineapples) on a number frame to 10 (ordered) and randomly (wrapping paper). Completing tables to match digit to picture to quantity and draw quantity.			
4 Green	Number and place value Counting and representing objects-reasoning and problem solving.	Counting backwards from 20 to 0.	Adult led activity/questions to develop reasoning and problem-solving . adult scribe children's responses underneath questions (group) and take photos.			
5 Blue	Doubling, halving and sharing (ELG)	Counting backwards from 20, starting on different teens numbers.	Practical activites possibly moving onto pictorial representations to show understanding of doubling, halving and sharing to achieve standards of ELG.			

6	**Shape**	Counting quantities matching to sounds heard random numbers up to 20.	Recognise, continue and create simple patterns of 2 or 3 steps by object, colour, shape, orientation. Name 2d shapes- feely bag, describing 2d shapes by properties using mathematical language. Create shape pictures – adult support to question, assess and model language, Match pictorial representations to names or properties as appropriate (images, stamps or draw).
7	**Shape**	Use digit fans to show numbers.	Use 3d shapes to build models, adult support to question, assess and model language, 3d shape hunt. Recognise 2d shape faces on 3d shapes. Unfold real 3d objects eg tissue box – cuboid to identify faces and describe. Match faces pictorially as appropriate.