Avondale School Mathematics Long Term Development plan 2016 - 2021

Target	Action	who	outcome	Resources	Cost	Target date	Evaluation
To raise the attainment of all pupils by developing the 'Maths Mastery' pedagogical approach	CPD in the teaching of mathematical mastery techniques Implement teaching and learning opportunities for most able pupils to use and apply their knowledge and skills Review and discuss progress level descriptors for all pupils Centralise and purchase relevant physical resources Review existing text book resources against the maths mastery approach Evaluate current mastery teaching models (eg. Singapore methods) Promote collaborative learning opportunities for children to apply problem solving skills, including joining gifted and talented workshops in other schools	Curriculum leader Class teachers	Fewer pupils will have gaps in their knowledge Pupils confidence transferring knowledge between different areas of maths will increase More pupils will make better than expected progress	Curriculum leader time to research resources Curriculum meeting time to share good practise CPD training Physical resources	Physical resources – approx £100 per year according to budget constraints Approx. £1,000 CPD training as whole staff	Summer - 2016 audit and centralising maths resources Replacing and purchasing new resources – ongoing CPD by Sept 2018 Joining cluster schools asap – possibly Rookwood? Review descriptors 2017 Reviewing existing scheme and evaluating current methods - 2017 Whole school collaborative learning – 2017 ongoing (maths days)	2016 - Maths audit and centralisation completed. 2017 - New resources bought to replace old/ broken ones. Teacher sasked to provide lists of resources required. Relevant resources purchased. Resources will need to be reviewed if more needed to support teacing of maths mastery techniques. Singapore style of teaching investigated through curriculum meeting and Inspire Maths demonstration. Staff decided system was prohibitively expensive. To look into CPD for teaching techniques (bar modeling; concrete, pictoral, abstract.) Investigate online CPD and twilight evenings