INTENT, IMPLEMENTATION AND IMPACT STATEMENT

CHILDWALL VALLEY PRIMARY SHOOL

Intent **at Childwall Valley Primary School (CVP)**

**Mathematics is important in everyday life and, with this in mind, the purpose of Mathematics at Childwall Valley Primary School (CVP) is to develop an ability to solve problems, to reason, to think logically and to work systematically and accurately. All children are challenged and encouraged to excel in Mathematics. New mathematical concepts are introduced using a ‘Concrete, Pictorial and Abstract’ approach; enabling all children to experience hands-on learning when discovering new mathematical topics, and this allows them to have clear models and images to aid their learning. Arithmetic and basic maths skills are practised daily inside and outside of formal Mathematical lessons, to ensure that concepts are embedded and children can recall this information to see curriculum links between topics in Maths.**

**Implementation at Childwall Valley Primary School (CVP)**

* **Basic Maths skills are taught daily across all classes. They focus on key mathematical skills including number and the four operations.**
* **A range of reasoning resources are used to challenge all children and give them the opportunity to reason.**
* **Interactive working walls in classrooms aid and improve learning in the classroom, build upon knowledge and celebrate achievement.**
* **Maths marking and intervention groups are used to support children daily, ensuring that children are ready for the next phase of learning in Maths.**
* **Children are taught through targeted differentiation in small group and mixed ability whole class lessons with teacher and teaching assistant support.**
* **Lessons use a Concrete, Pictorial, Abstract (CPA) approach to guide children through their understanding of mathematical processes.**
* **The spiral White Rose Maths curriculum is used as a ‘spine’ throughout the school, ensuring familiarity. Lessons are used to consolidate previous learning and ensure that Maths skills are embedded, other quality resources from other sources are also used to supplement learning.**
* **Homework is set weekly to develop and review children’s learning.**
* **Where possible, links are made with other subjects across the creative curriculum.**
* Regular support from School Improvement Liverpool, personalised to the training needs of our school.
* Maths Lead attends termly Subject Leader Briefings with School Improvement Liverpool and engages with Local Cluster Group training each year.
* **Training opportunities and Maths updates cascade down through the school through the Maths Lead.**

**Impact at Childwall Valley Primary School (CVP)**

**We feel that our Maths teaching at Childwall Valley Primary School shows:**

* **Confident children who can talk about Maths and their learning and the links between Mathematical topics.**
* **Engaged children who are challenged and focused.**
* **Lessons that use a variety of resources to support learning.**
* Book observations and lesson visits demonstrate progression and confidence in maths across the school.
* Pupil voice shows that children enjoy maths lesson and enjoy a challenge, mirroring our ethos of ‘Challenge if fun’. They feel that they are fully supported and know what to do when they need extra help.
* **Different representations of mathematical concepts.**
* **Mathematical understanding that is tracked and monitored, ensuring that all learners make good progress.**