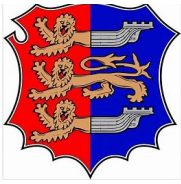


**COMMUNITY
& LOCATION****ADVENTURE
& INTRIGUE****NURTURING
YOUNG MINDS****MORAL VALUES
& DIVERSITY**

SUBJECT = Maths

INTENT

- To deliver a high quality maths education which will engage and inspire our pupils to develop a love of maths, that is both challenging and enjoyable.
- To teach using the White Rose Maths mastery scheme to ensure a balanced blend of mastery and problem-solving approaches, with the aim to develop pupils' fluency, reasoning ability and problem solving skills.
- To fully develop independent learners with inquisitive minds who have secure mathematical foundations.
- To develop children's resilience by ensuring they are confident mathematicians who are not afraid to take risks.

IMPLEMENTATION

- All children in each year group receive a daily maths lesson which will include fluency, reasoning and problem solving.
- We will teach using a mastery approach to mathematics, using a concrete-pictorial-abstract (CPA) model to introduce and develop concepts. Pupils will have opportunities to explore and develop a deep understanding through hands-on experiences with manipulatives, such as counters, number lines, and place value blocks. They move from the concrete stage to pictorial representations and eventually abstract symbols, ensuring a strong conceptual understanding.
- Problem-solving and reasoning are integral parts of our mathematics curriculum. Pupils engage in a wide range of contextual and non-contextual problem-solving activities, encouraging them to apply their mathematical knowledge and skills to solve real-world problems.
- Pupils develop their ability to articulate and justify their mathematical thinking using appropriate mathematical language and vocabulary.
- Continuous assessment and progress tracked and analysed at regular intervals via the academy's assessment system.
- Maths lead/ SLT to monitor lessons and conduct book looks.

IMPACT

- All pupils, regardless of starting points or backgrounds will make good progress in their mathematical understanding and skills.
- All pupils achieve high standards of attainment, exceeding national expectations at the end of key stages. Attainment will also show progress over time.
- Children will develop a positive attitude towards mathematics.
- Pupils will demonstrate solid reasoning skills, using appropriate mathematical vocabulary to explain their thinking and justify their solutions.

