

# King's Stanley Maths Curriculum

We have recently changed the way we teach maths to give a greater emphasis on the mastery approach. This means making sure all children have the opportunity to learn, secure and really understand the age-related expectations for their year group.

## Fluency:



### Fluent in 5:

Each day starts with a 'Fluent in 5' session. These are quick maths sessions, practising mathematical fluency, with a focus on maintaining skills learned in lessons to enable children to attain the end of year non-negotiables.

## Learning & Securing



### Do it, Twist it.

Maths lessons will typically begin with whole class input focused on one key concept. Children are encouraged to discuss their thoughts with talk partners. From research, we know pupils learn best with a Concrete, Pictorial, Abstract approach to maths.

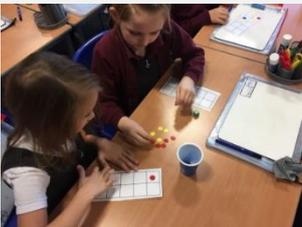
**Concrete:** handling and manipulating resources such as Numicon, coins, Dienes, counters.

**Pictorial:** drawing visual representations of maths concepts and linking these to concrete.

**Abstract:** solving calculations and problems linking these to pictorial and concrete approaches.

Using varied fluency (Twist it) the children are able to show secure learning

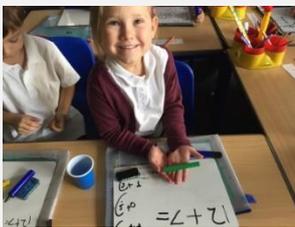
## Deepening



### Stretch it:

All children will have the opportunity to reason and problem solve at an appropriate level. We teach the children how to explain, justify and reason the answers that they have found. We encourage lots of maths talk, using correct mathematical vocabulary at all times.

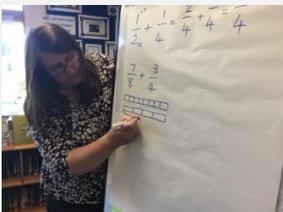
## ARE



### Non Negotiables:

Each year group have identified key age related skills which are tracked across the year. These are taught within lessons and practised during 'Fluent in 5'. These can be found in the front of pupil's maths books.

## Interventions



### Keep up Maths:

Provision is provided in the afternoon for any pupils who have struggled to understand the key concepts with any unit. These keep up sessions are used to help all pupils meet the end of year age related key skills.