



Maths

Our mathematics curriculum is based on National Curriculum objectives and is influenced by the resources and schemes of learning from White Rose Maths Hub. Work is set at an appropriate level, with pupils being given support and challenge relative to their own developmental needs. We also acknowledge the value of pupils having rapid recall of basic fluency facts such as number bonds and times tables. At Temple Normanton Junior Academy, we embrace the CPA approach (concrete, pictorial and abstract), which allows pupils to work with physical objects and make links from these to pictorial representations. Following this, pupils will then use these representations to help them develop their understanding of abstract methods.

Maths is taught daily. All lessons incorporate the following aspects:

- Flashback and revise (recapping previously learnt skills and facts)
- Sentence scaffolds (supporting learners to articulate their learning)
- SLAM (key vocabulary for children to 'Speak Like a Mathematician')
- Guided, independent and varied practice
- Opportunity to apply their learning to reasoning and problem-solving questions.

At the planning stage, teachers consider how they will model a concept, the scaffolding that may be required for some pupils and how to suitably challenge pupils who need it. To assist pupils with this, we use the teaching for mastery approach from the Maths Hub and NCETM.

