

## Mathletics

We use a web-based learning programme that integrates home and school learning via the internet. Each child has a username and password and can access the programme on [www.mathletics.co.uk](http://www.mathletics.co.uk).

### What is Mathletics?



Mathletics is one of the most popular global maths websites (<http://www.mathletics.co.uk/>), with over 40,000 students using the site each day from around the world. There are over one thousand learning activities covering primary and secondary mathematics. Our goal is to produce a learning resource that facilitates teacher in providing quality personalised, formative and motivational maths for all learners, through these key factors:

**Differentiation** - One of the core objectives of Mathletics is to provide content of an appropriate level of difficulty for all abilities. Teachers can modify and personalise a curriculum plan meet individual student's needs.

**Assessment for Learning** - Teachers receive all data in real time on individual students and their whole class performances. This means that they target their teaching on both a class and individual basis to where it is most needed within their customised curriculum plan.

**Tangible Improvement and Motivation** - Students thrive in an environment where they quickly see that they are making progress; this in turn motivates them to continue and to achieve further success. Mathletics focuses on what intrinsically motivates students, such as recognition for achieving Personal Bests, Reward Certificates, the opportunity to challenge students around the world and much more.

### Mathletics at The Devonshire Hill Nursery and Primary School

The programme is used during the daily mathematics lesson and children are set homework to complete in their own time. They can also learn by competing a variety of mathematics games and exercises. The children can participate in LIVE Mathletics. Live Mathletics allows children to select their level and then compete with other children in their class, the United Kingdom or around the world.

### Benefits of Mathletics for our school

- Children have access to the programme 24 hours a day, seven days a week
- It provides the perfect link between home and school
- The programme is based upon adaptive learning therefore children can learn at their own pace.
- A wide variety of tasks and games are available which can be tailored for individual pupils' abilities
- The Results Manager can be used to monitor student progress and to assign tasks
- Teachers receive children's results instantly

## Mathematics Policy – Appendix E

- Mathletics credits ensure that children continue to strive to improve their maths results
- Mathletics creates healthy competition amongst children in a global competition
- Concept mastery is at the core of Mathletics