Creating Working Mathematically Curriculum

**OBJECTIVE**
Working Like A Mathematician in best practice classrooms
Learning mathematics should build self-esteem.

**HOW DO WE ACHIEVE IT?**
Modelling the work of a mathematician. Inviting learners to apply the model. Practising the skills of a mathematician.

**WHAT CAN SUPPORT US?**
Choosing teaching craft to fascinate, captivate & absorb learners. Threaded Activities & Investigations

**THREADED ACTIVITIES**
Support learners to build the number skills toolbox of a mathematician. Fresh challenges in familiar structures used for small amounts of time often.

**INVESTIGATIONS**
First give me an interesting problem. Challenges that encourage & develop reasoning, justification, communication & content skills in the context of the work of a mathematician.

**MATHMATICS CENTRE SOURCE**
Calculating Changes
Free Tour & Members sections
Created by a network of primary teachers. Poly Plug & calculators are the main resources.

**MATHMATICS CENTRE SOURCE**
Mathematics Task Centre - invitations to work independently - Maths300 - whole class modelling

**Working Mathematically with Infants**

**Maths With Attitude**
MWA eManals for teachers. 25 weeks of planning support per year 3 -10. Integrated, sequenced core in all strands. Investigations from Task Centre & Maths300.

**ADDITIONAL SUPPORT**
professional development, eNews, stories, student work, Picture Puzzles, Menu Maths & other teaching models, assessment guidance, papers, videos and more … from Mathematics Centre