

Linking 'working mathematically' to the English National Strategies mathematical processes and applications and functional mathematics

function or process skills

- representing
- analysis
- interpreting
- communicating and reflecting

REPRESENTING
selecting the mathematics and information needed to solve the problem or model a situation

Problem
finding or being given an interesting or worthwhile problem

Working Mathematically

Play
playing with the problem, trying out ideas conjecturing

publish or communicate

telling someone else the story of what you did
a chat, a presentation, a power point, a video document or a drama

Results
Collecting some data - summaries, ideas, tables, charts and graphs, a theorem

ANALYSING
processes and using mathematics

COMMUNICATING AND REFLECTING

INTERPRETING AND CLAIMING

Watson 17/10/09