

ADAPTING THROUGH MATHS CHALLENGE



STEM - EFFECTIVE CONTRIBUTORS

PUT YOUR PROBLEM SOLVING & TEAM WORK TO THE TEST IN NATIONAL MATHS COMPETITIONS

You will take part in a range of national maths competitions and challenges, working both independently and in teams to tackle tricky, non-routine problems. You will build critical thinking by solving unfamiliar problems, focusing by working through multi-step challenges, and initiative by trying different strategies and learning from mistakes. You will also develop communicating skills by explaining their thinking clearly, collaborating through team challenges, and creating original solutions to complex problems.



SKILLS FOCUS



COMMUNICATING



COLLABORATING



LEADING



CURIOSITY



CREATIVITY



CRITICAL THINKING



INITIATIVE



ADAPTING



FOCUSING



RECOGNITION OF ACHIEVEMENT

UKMT Junior Maths Challenge, Maths Wi' Nae Borders and various other competitions.



SENIOR PHASE PROGRESSION

Senior Phase Mathematics courses



LEARNING INTENTION, SUCCESS CRITERIA & CAREER OPPORTUNITIES

Learning Intentions

I will:

- communicate by explaining mathematical thinking clearly to others using words, diagrams, and examples.
- focus on challenging problems and work through them step by step.
- collaborate with others to solve problems and share strategies.
- create original solutions to mathematical problems and explore new approaches.

Success Criteria

I can:

- solve challenging problems by thinking carefully, spotting patterns and checking my work.
- explain my reasoning clearly using words, diagrams or examples.
- work effectively with others, sharing ideas and supporting my team
- try different approaches and create original solutions when standard methods don't work.

Career Opportunities

- Actuary,
- Data Analyst
- Engineer
- Software Developer
- Statistician
- Financial Analyst
- Cyber Security Specialist,
- Teacher

The Four Capacities

