Leaving Cert Maths Exam 2027

Remember: "You can't control how the game is going to go……but you CAN control how you prepare for it."

Higher & Ordinary Level:

➢ Layout of Exam:

- In 2027, the Leaving Cert Maths exam at both Higher Level and Ordinary Level will have the following format:
  - 6 Short Questions worth 30 marks each – students have to answer 5
  - 4 Long Questions worth 50 marks each – students have to answer 3
- Both papers are 150 mins (2.5 hours)

➢ Topics:

- While it's possible for **any topic to appear in either paper**, the list of topics that generally appear on each paper are:

Paper 1	Paper 2
Algebra Differentiation Indices Sequences & Series Functions & Graphs Complex Numbers Financial Maths/Arithmetic Number Logs (H.L. only) Integration (H.L. only) Induction (H.L. only)	Statistics Probability Trigonometry The Line The Circle Geometry (including Constructions, Enlargements & Transformation Geometry) Area & Volume

➢ Suggested Timing:

- For this year, it would be a good idea to stick roughly to the following times for each paper:
  - 5 - 10 mins reading time initially and question selection
  - ~12 mins for each short question (60 mins in total)
  - ~20 mins for each long question (60 mins in total)
  - ~20 mins for going back over the paper, finishing any questions you ran out of time in and checking the list of things below

➢ Things you should check if you have time: (ranked in order of importance)

1. Did you answer what the question asked?
2. Did you check your answers where possible? E.g. when solving a equation for x, did you sub your answer into the original equation and see if it works?
3. Did you round the answer correctly (if asked) and apply the correct units (if needed)?
4. Did you attempt everything? Never leave a blank if you can, as it's worth 0 marks…..try something!

- Other useful tips to maximise performance:
  1. You don't have to start with Q1……quickly scan through the paper and pick something that looks okay, that your familiar with. ("Try to win the first ball" 😊)
  2. Watch your time……see above!
  3. If you need an answer from a part of a question for a subsequent part, just write "Let answer to part (i) = ???" and proceed to the next part using that answer.
  4. Don't use Tippex……just put one line through any work that's wrong and move on.
  5. It's important to lay out your work clearly so it's easy to follow……work down the page and then from left to right.

- Equipment/Materials to have with you: ("We can't play the game without boots and hurley!")
  1. Calculator – (spare battery??)
  2. Maths Set – (Compass tightened and working properly?)
  3. Formulae & Tables book for Mock Exams (These are provided in the State Exams)
  4. Pens (Plenty of blue & black ones)
  5. Ruler

Foundation Level:

- Layout of Exam:

- The Foundation Level Paper is a single paper that is 150 mins (2.5 hours)

- Topics:

- Topics on the Foundation Level Paper are:
  a. Algebra
  b. Patterns
  c. Arithmetic
  d. Number
  e. Trigonometry
  f. Probability
  g. Statistics
  h. The Line
  i. Area & Volume
  j. Functions & Graphs