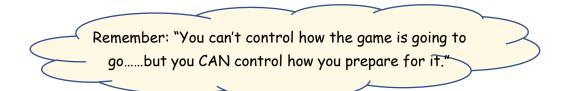
Leaving Cert Maths Exam 2024



Higher & Ordinary Level:

- Layout of Exam:
- In 2024, the Leaving Cert Maths exam at both Higher Level and Ordinary Level will have the following format:
 - $\circ~$ 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)
- > <u>Topics</u>:
- 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	Statistics
Differentiation	Probability
Indices	Trigonometry
Sequences & Series	The Line
Functions & Graphs	The Circle
Complex Numbers	Geometry (including Constructions,
Financial Maths/Arithmetic	Enlargements & Transformation Geometry)
Number	Area & Volume
Logs (H.L. only)	
Integration (H.L. only)	
Induction (H.L. only)	

- Suggested Timing:
- For this year, it would be a good idea to stick roughly to the following times for each paper:
 - $\circ~~$ 5 10 mins reading time initially and question selection
 - \circ ~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