

| Mathematics | Development Group Meeting 6 | 11 th February 2025 |
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| | Short Description | |
| Agenda Item | Notes | |
| Minutes, Updates, Governance | Minutes agreed and no conflicts of interest declared. Executive reminded members to direct people to the consultation. | |
| Learning outcomes in the unifying strand | <p>The executive outlined the task, looking at the draft unifying strand. An example was given that exemplified how the unifying strand and content strands work together for a greater coherence across the whole specification. The DG formed into smaller groups. Plenary feedback included:</p> <ul style="list-style-type: none"> - Perhaps a first section for understanding existing, core or prior knowledge. Visualisation might strengthen this strand. - The proof section needs further deliberations. Consideration needs to be given to what constitutes a proof, including the role of formal and informal proof. - The importance of logical thinking needs to be emphasised. - Interconnections within strands and between strands needs to be captured as the work progresses. This could be tied in with mathematics in society. | |
| Strand 2 | <p>The executive outlined the task for developing this strand. The DG formed into small groups and plenary feedback included:</p> <ul style="list-style-type: none"> - An ability to interrogate any function or any curve appropriate to senior cycle is important. - Consideration needs to be given to the number of rules, procedures or special case functions to include so that there is ample space and time available to achieve deep conceptual understanding - The listing of functions in the current syllabus tends to lead to all functions being treated as discrete special cases. The new specification should focus on students recognising and visualising families of functions - Making the links between different representations of functions is essential to allow students to learn the rules and mechanics of calculus in a meaningful way - Further discussion is required on how much integration is needed on the specification. | |
| Next steps | <p>The Chair thanked members for their attendance and active engagement in the meeting. The Executive will review the discussions and prepare draft materials for next meeting</p> <p>Next Meeting: March 26th 2025, in NCCA offices, Portlaoise.</p> | |