The IMLSN Resources Website Project

IMLSN Workshop 2022 "Mathematics learning support – linking practice to research in the new normal."

Kirsten Pfeiffer

National University of Ireland, Galway

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IMLSN Resources Website

- In AY 2020/21 funding from the National Forum for the Enhancement of Teaching and Learning in Higher Education allowed us to employ two experienced MLS tutors to curate and collate existing and publicly available online resources on the IMLSN website.
- The aim of this project was to provide easily searchable, reliable and targeted selections of different
 - Notes,
 - Videos,
 - Interactive exercises

for the IMLSN community, i.e. students, tutors, lecturers from Irish HE institutions.





Resources Project - What has been done so far?

- Established
 - Principles on how to choose resources,
 - Layout of the website,
 - Structure of the topics and
 - Permissions from authors.
- Developed a first draft version on Foundation Maths.
- Gathered first feedback from IMLSN community.
- Developed chapters on Foundation Maths and Calculus.





IMLSN Website - Home Page

Click https://www.imlsn.ie/index.php and find

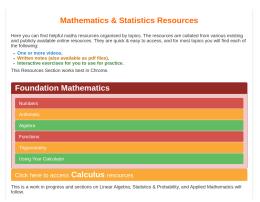






IMLSN Website - Resources Page

Click the green button to get







IMLSN Resources Website - Example

For example, clicking Functions you get

Numbers		
Algebra		
Functions		
Introduction to Functions		
Linear, Polynomial and Rational F	unctions	
Exponential, Logarithmic and Trig	onometric Functions	
Piecewise-Defined and Absolute	/alue Functions	





IMLSN Resources Website - Example

Click further to get a choice of different resources for the required topic.

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	Linear, Po	lynomial and Ratio	onal Functions
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	ions		
Polynomial F	unctions		
Video			
Notes			
Interactive	Exercises		
Rational Fun	ections		
Rational Full	ICHOITS		





Resources Project - What's next?

We are currently working on

- Guidelines on how to choose and organise resources;
- A survey to get insight into students' and instructors' habits and challenges with online mathematics and statistics resources. We are waiting for ethical approval and hope to run the survey in the beginning of AY 2022/23. The aim is to report about findings from this study and to use them for the further development of the website.





Resources Project - Going forward

We aim to develop further chapters on

- Linear Algebra,
- Probability,
- Statistics,
- Applied Maths,
- ...

We see this website as a community project - FOR and FROM the community - which will be of great benefit to students, tutors, lecturers and teachers on the island of Ireland.





IMLSN Resources Website Project

Team: Anthony Brown, Mike Welby, Richard Burke, Julie Crowley and KP.

Please consider taking part in this initiative!!!

Thanks for your suggestions and feedback!





