



An Roinn Oideachais
agus Scileanna
Department of
Education and Skills

Effective Maths Teaching In The Current Context

Postprimarymaths@pdst.ie

Introduction



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Overview of the Webinar

| | |
|------------------|---|
| Session 1 | Introduction Background Theory on Blended Learning Blended Learning Example 1 Panel Discussion |
| Session 2 | Blended Learning Example 2 Panel Discussion with Q&A Conclusion |

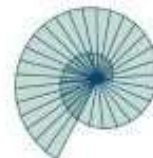
Guidelines for this Webinar and Tech. Check

Contribute to Q&A

Respond to a Poll

Chat function





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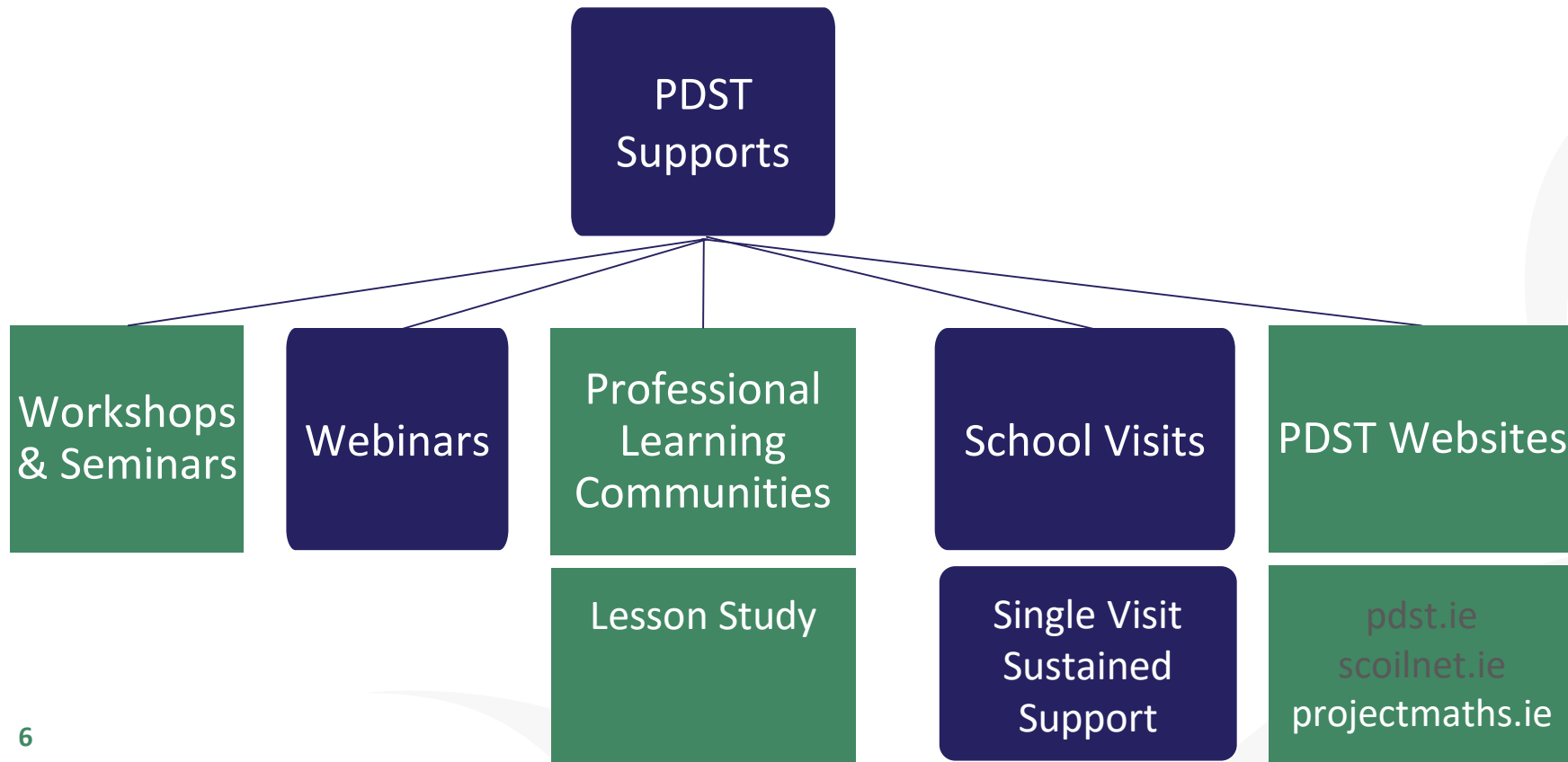
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Supports Provided by PDST PP Maths Team



Resources

<https://padlet.com/postprimarymaths/blendedlearning>



Key Messages



Blended learning can help with the current Covid-19 related challenges in teaching Maths in our schools. In the longer term we should develop sustainable good practice in this area of our teaching.



Blended learning facilitates the use of rich tasks to support and extend all our students.

Blended Learning

Supports Available

Resources:

<http://pdst.ie/blendedlearning>

Book a school visit:

postprimarymaths@pdst.ie



Journey to Date

“Teachers will be required to continue to adapt their lesson planning and pedagogy to provide for a blended approach to teaching, learning and assessment as a contingency measure.”

Platforms

Apple

ClassDojo

Edmodo

G Suite/
Google for
Education

Irish
Homework.ie

Microsoft
Education

Schoology


Schoolwise

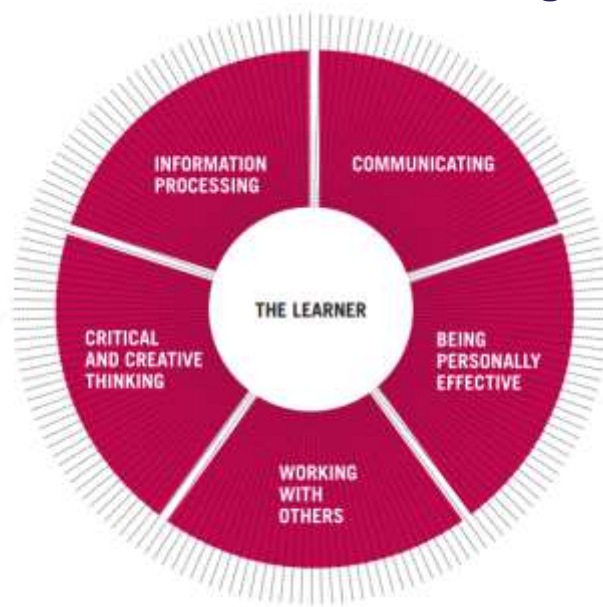
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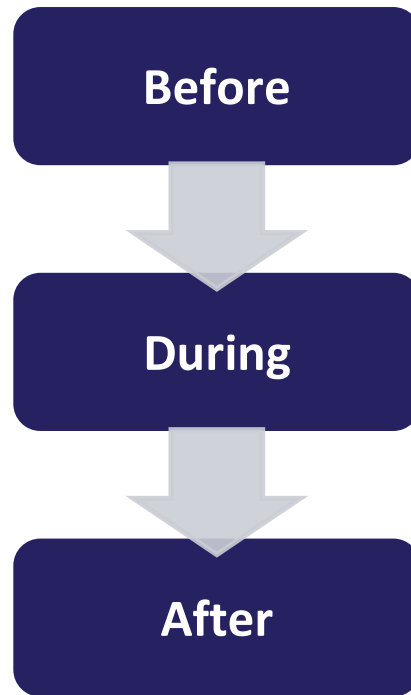
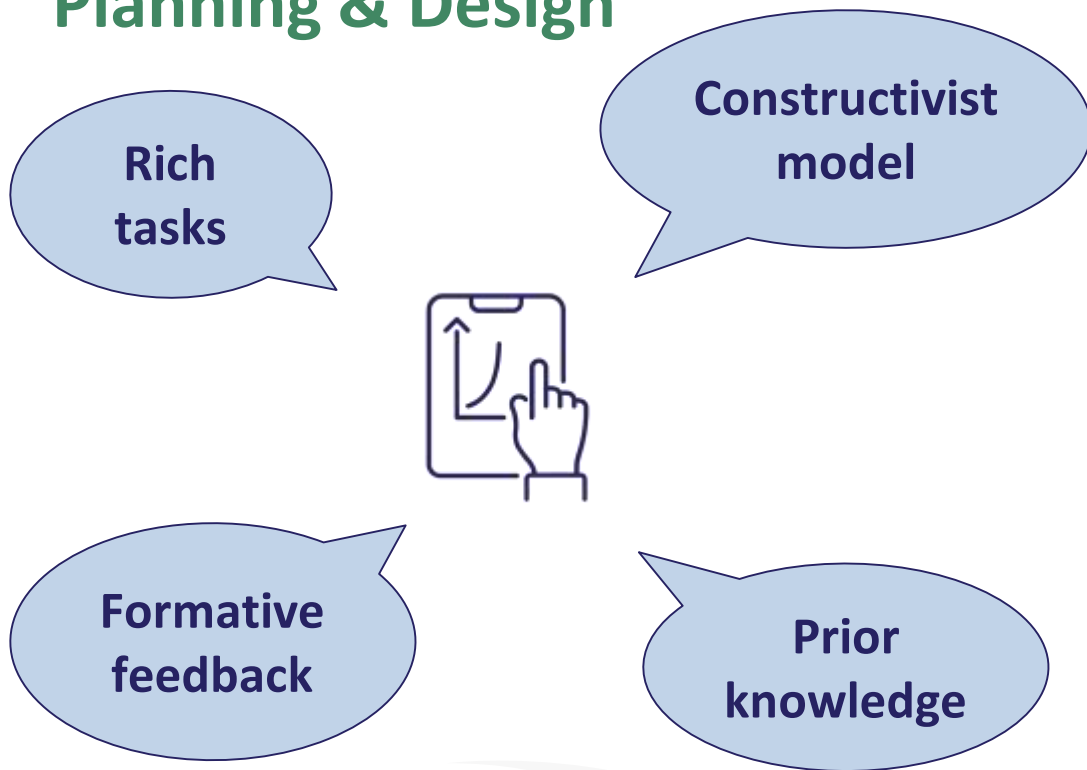
Blended Learning in a Mathematics Classroom

Using digital technologies to support and enhance student learning.

- GeoGebra 
- Screencast/Video
- Effective Questioning
- Student Reflection



Planning & Design



Task 1

Multiplication of Complex Numbers of the form $z=a+bi$, where $a, b \in \mathbb{R}$

Panellist Discussion



Task 2

De Moivre's Theorem

Panellist Discussion



Conclusion



Key Messages



Blended learning can help with the current Covid-19 related challenges in teaching maths in our schools. In the longer term we should develop sustainable good practice in this area of our teaching.



Blended learning facilitates the use of rich tasks to support and extend all our students.

Professional Learning Community (PLC)

Starting later this month:

Online PLC for Maths Teachers

Teacher Led

Meetings facilitated by PDST



Upcoming Workshops

Mid Term - Christmas 2020

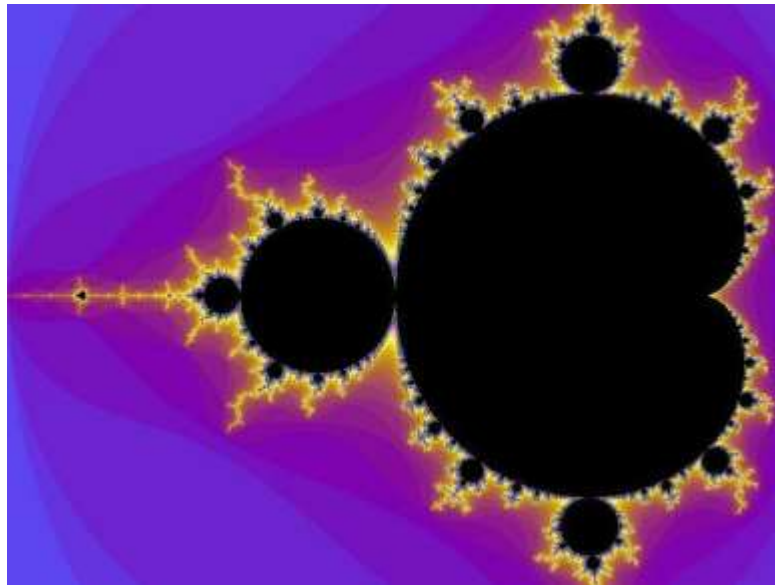
Complex Numbers

Geometry



Christmas - Mid Term 2021

Calculus



Supports Available

Resources:

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www.pdst.ie/schoolsupport



Bibliography

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Thank you!