



# Education..... AstronoMine What? A Changing Landscape, or is it really?

August 2024



# Recap - The Education Landscape – Ireland and Global



**3950+**

Schools in Ireland (Rep.)  
3200 Primary (38 FP)  
750 Secondary (50 FP)



Further Education  
~200 PLC colleges  
~24k Students



**€10.5B**

Budget allocated on 2024 - Up 20% since 2020



Higher Education  
~31 Institutions  
~257k Students



**88%**

Catholic Ethos (2021 Survey)  
6% Church of Ireland  
6% Other

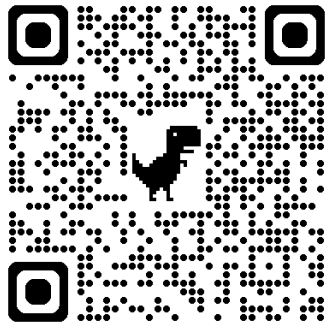
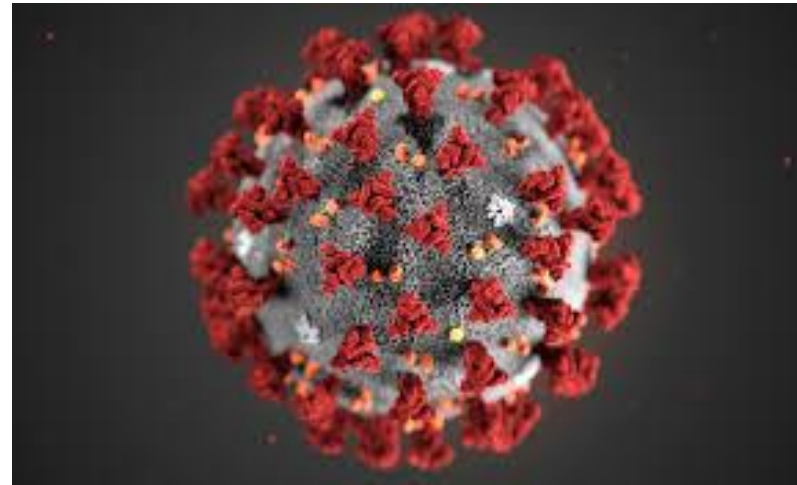
# Recap -The Education Landscape - Ireland

**School management made  
easy in one connected  
platform.**

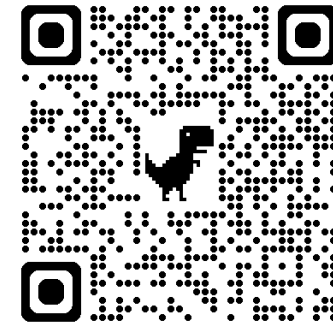


**Used every day by millions of people across  
Australia, Ireland and the UK**

# Big Bang Theory in Astronomy Education



All changed, changed utterly:  
A terrible beauty is born.  
W.B. Yeats - EASTER 1916



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# Introduction

- The future of COMPASS is in this room,  
and it's shaped by an open mindset of  
creative and disruptive innovation.
- "Vision WITH Action can change the  
world"  
(J.A. Barker)

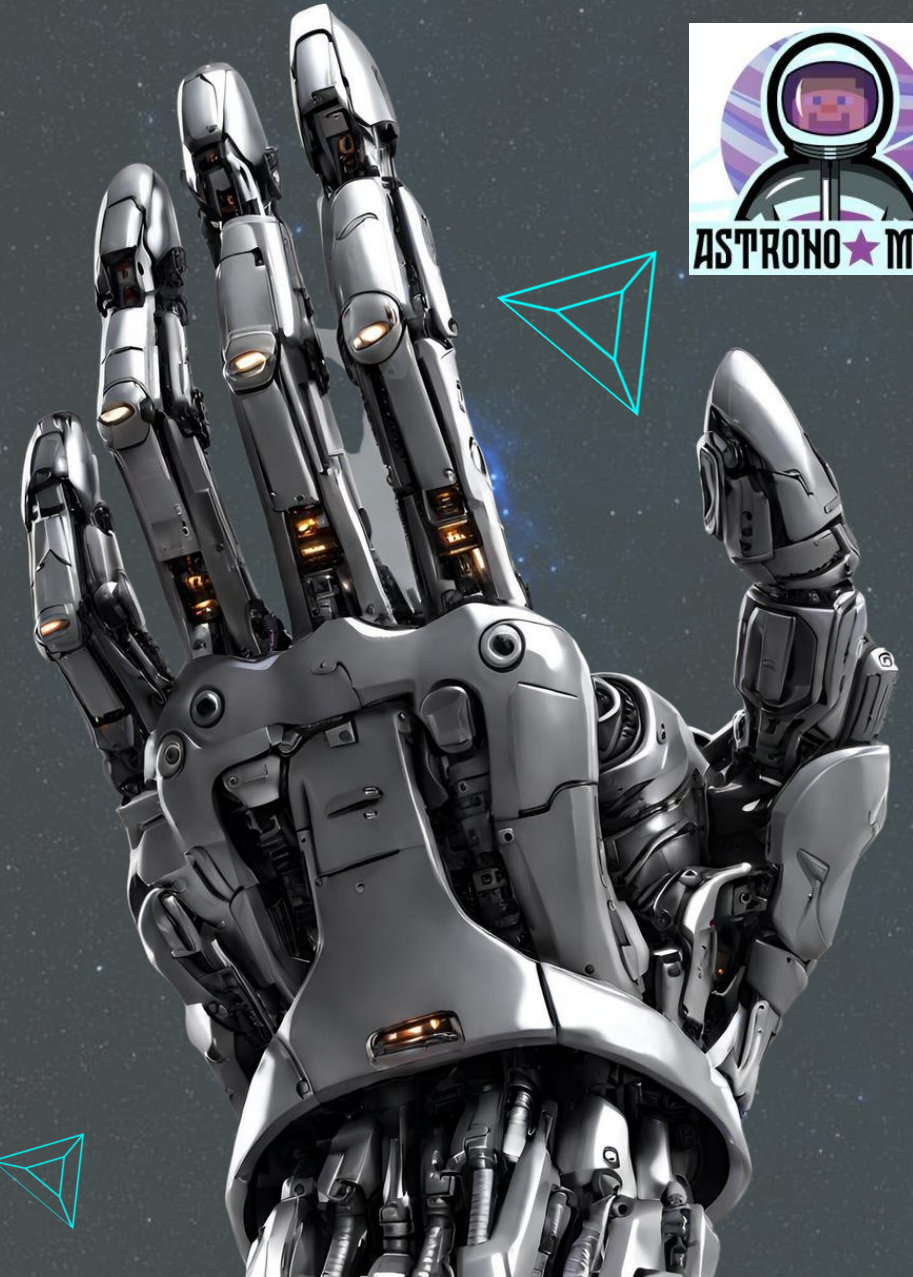


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# Disruptive Innovation

- In 1995, Clayton Christensen, a Harvard Business School professor coined the term "disruptive innovation" when exploring the disk-drive industry.
- ***"Disruptive Technologies: Catching the Wave"***
- It focuses on how new and often more accessible technologies or methods can revolutionize astronomy education, making it more accessible and understandable.



# Definition

• **Disruptive innovation and transformation** in 21st-century Astronomy teaching and learning refers to the **introduction and integration** of novel and transformative technologies, methods, or approaches that **significantly alter traditional educational paradigms and mindsets.**



# Definition



***Breaking the educational mould*** refers to the act of **challenging or deviating** from traditional or conventional approaches in Astronomy education. It involves innovative and transformative methods **aimed at redefining and improving the learning experiences beyond established norms and practices.**



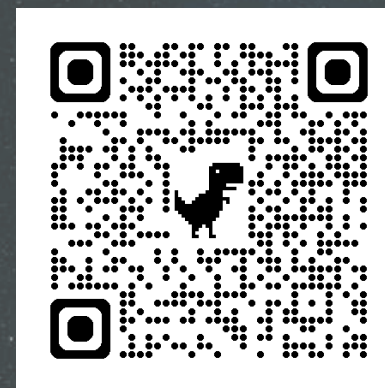




# My FOCUS



## AstronoMine



# Commonalities of our 'Disruptive' initiatives



1

Leveraging technology

2

Personalised Learning - PITs

3

Accessibility and Inclusivity

4

Flexible Learning Environments

5

Data-driven decision-making

6

Collaborative Learning

# Commonalities of our 'Disruptive' initiatives

7

Lifelong learning



8

Blended Learning



9

Teachers & Student  
Empowerment

10

Global Connectivity

11

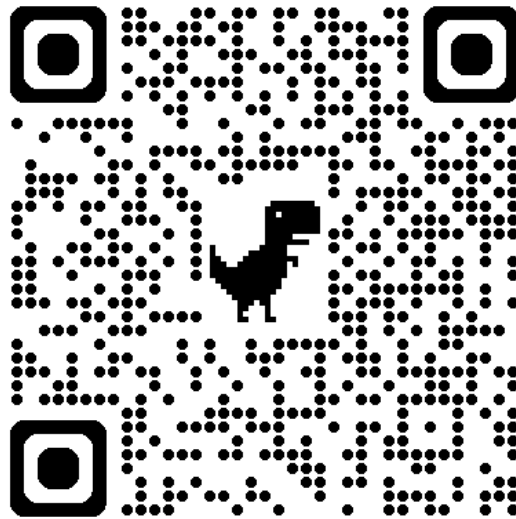
Empathetic & Soulful  
*Humanology*

12

Mindful &  
Meaningful

13

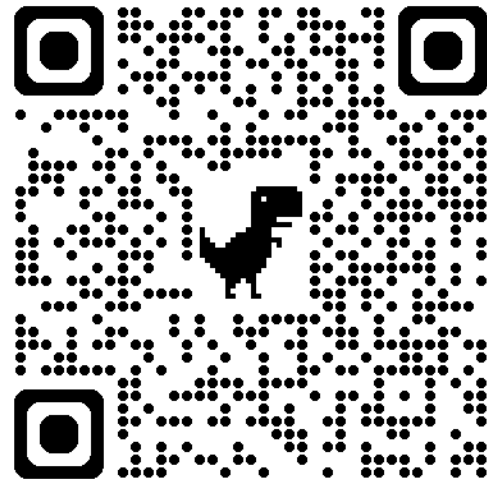
Conscious and  
Ethical



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# THANK YOU FOR Exploring AstronoMine! Education What?

Thank you for joining me in this COMPASS  
' Festival of Learning'



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