Religious Education and Emergent Technologies

Paul Hopkins - University of Hull

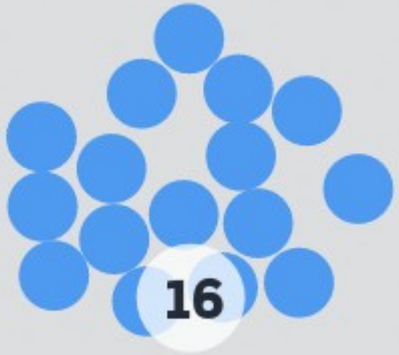
THE GEEKS SHALL
INHERIT THE EARTH

ICE CREAM
Nestlé
ZOOM
RASPBERRY, BANANA AND STRAWBERRY ICE LOLLIES
6 PACK
Each lolly** contains
Energy 220kJ 52kcal 3%
Fat 0.4g 1%
Saturates 0.4g 2%
Sugars 8.9g 10%
Salt 0.02g <1%
of an adult's Reference Intake (RI)*
Energy per 100ml: 378kJ/90kcal

My involvement in the discourse …

1 1

Who are we?



Teacher in School

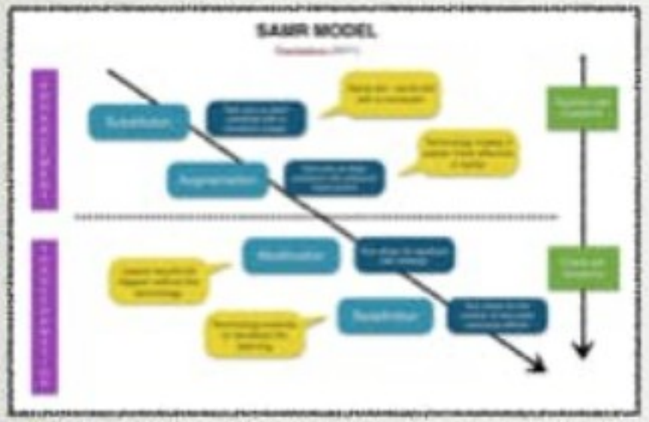
Teacher/Researcher in Univerity (RE/RS/Phil/Theol)

PGCE Tutor/Researcher

Consultant / Advisor

Project Outline

- Phase 1 - Literature and Data collection
- Phase 2 - Teacher Interviews
- Phase 3 - Case Studies / Exemplars [Teachers as research partners]
- Phase 4 - Dissemination

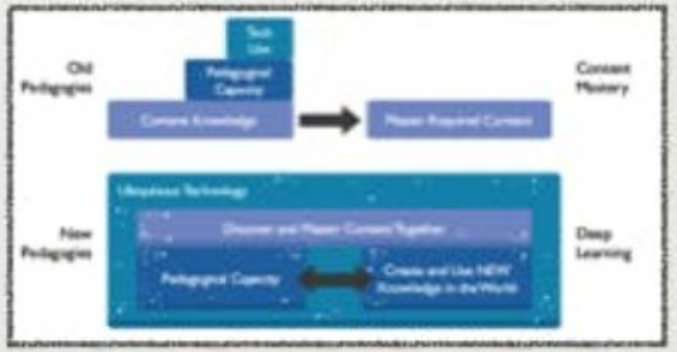


Puentedura (2011)

Mishra and Kheoler (2009)

Hopkins (2012)

Kearney, Schuck & Burden (2012)



Fullan and Langworthy (2014)

1 2

Smartsville

Phenomena
Voice Activated
Search

Wright city

Truth Claims
Big Data / AI

Hammondland

Spiritual Dimension

AR / VR

Deconstructionism
Connectivism

Camp Erricker

Religious Plurality
Video Creation / YT

Jackson Towers

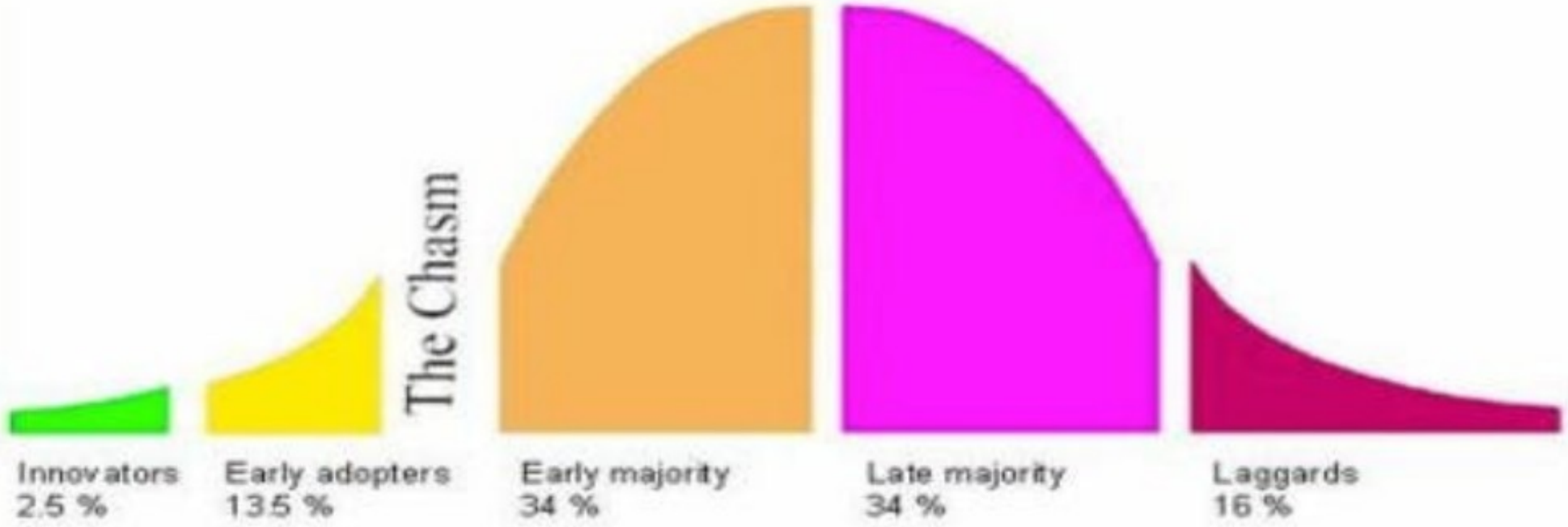
Grimmitton

Human Development

PLNs - Video Creation

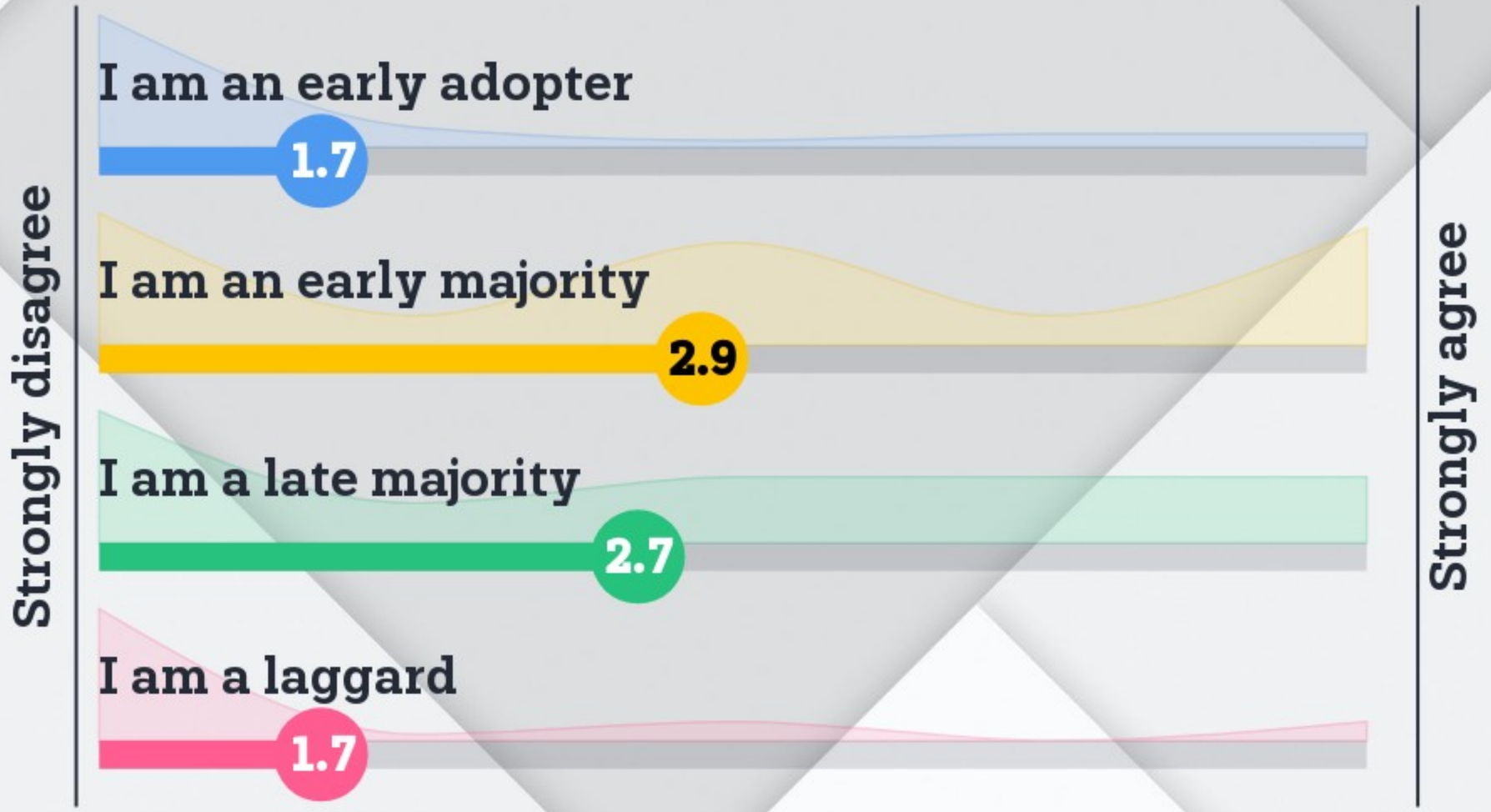
3 2

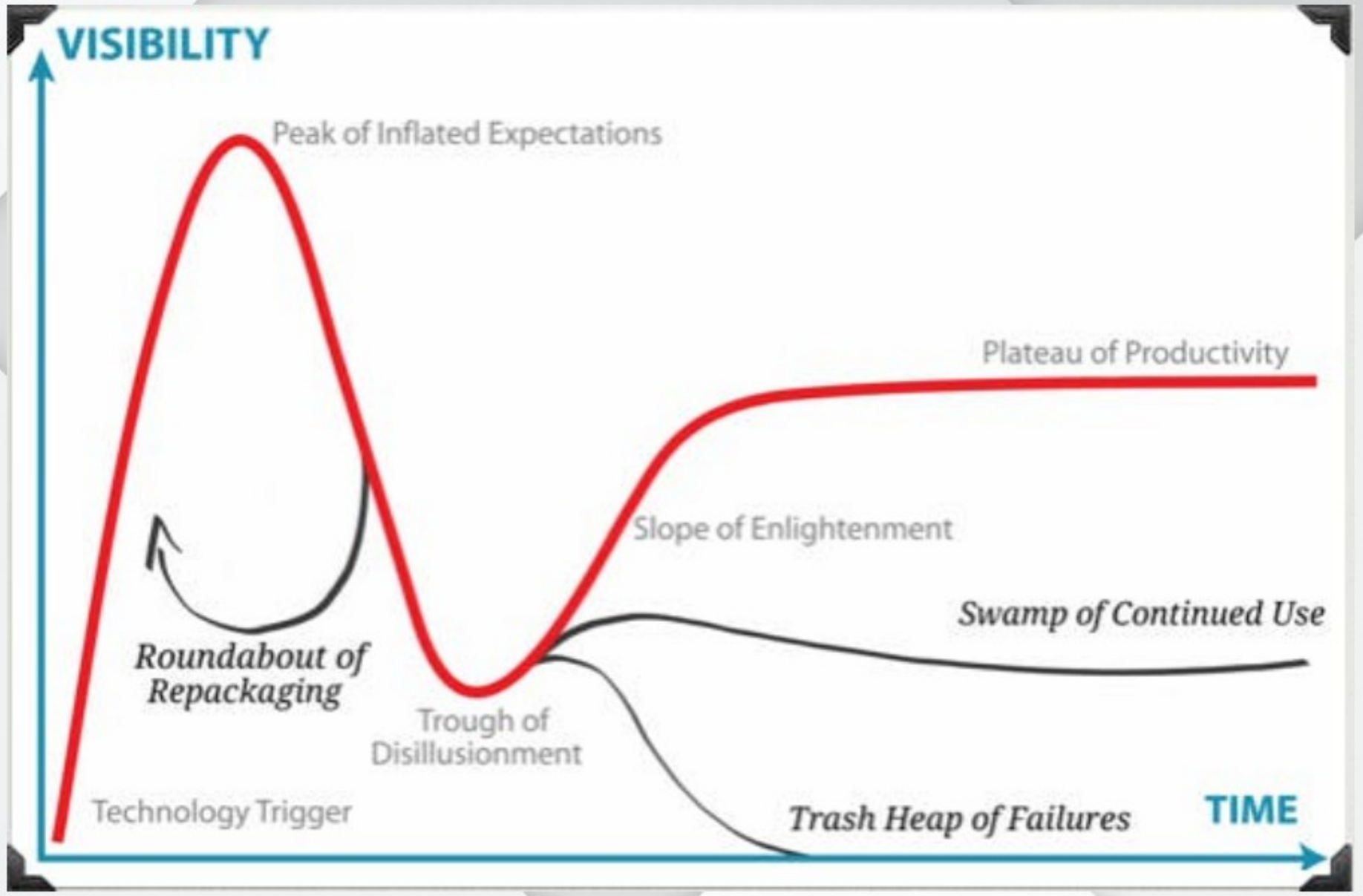
Roger's Innovation Adoption Curve

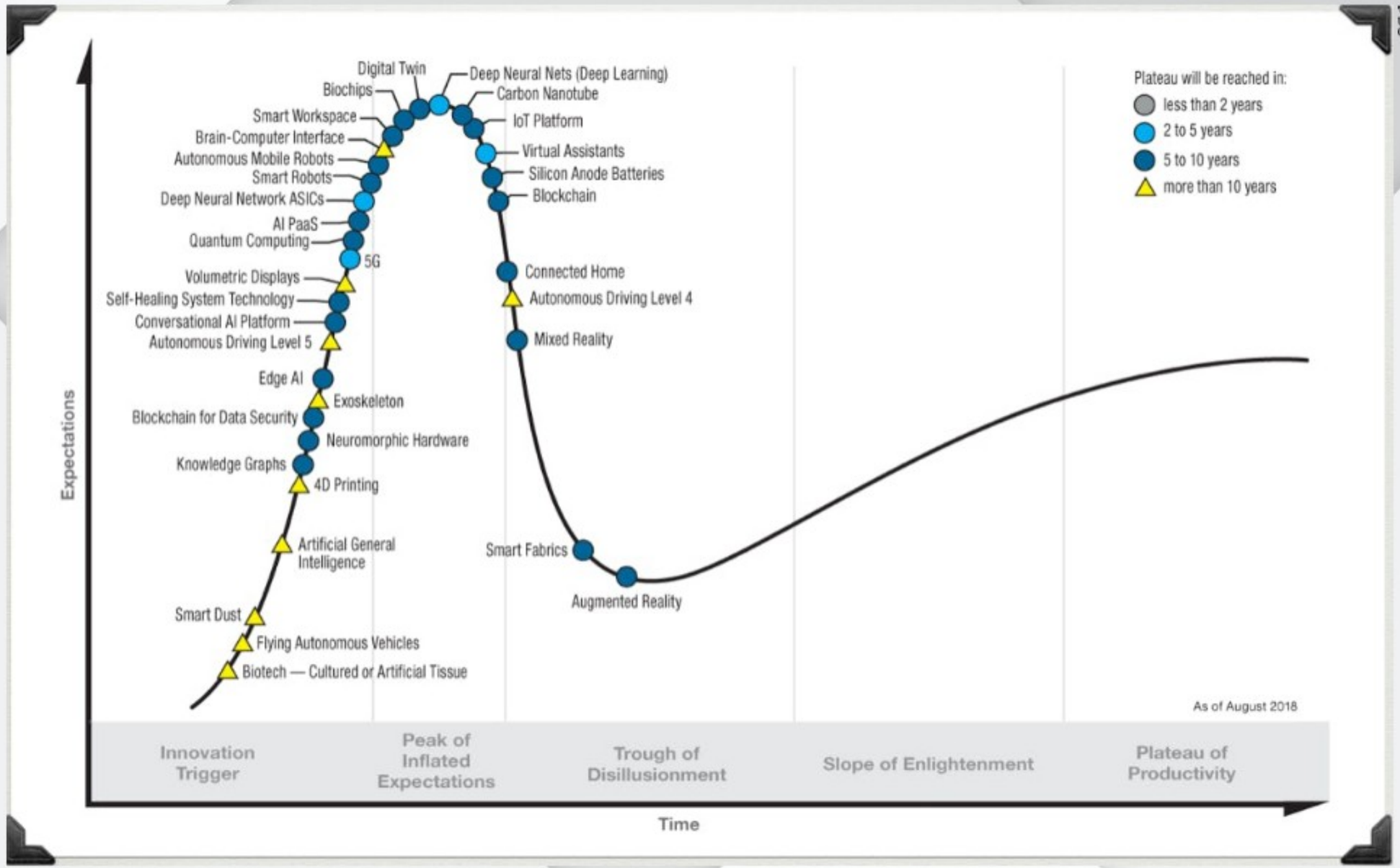


Trying to convince the mass of a new idea is *useless*.
Convince *innovators and early adopters* first.

What are you?

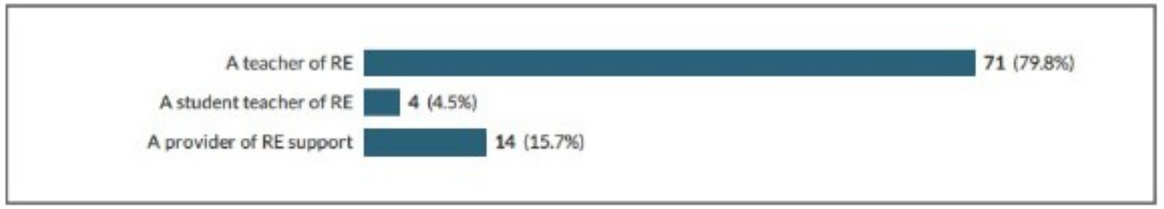

Strongly disagree
I am an early adopter
1.7
I am an early majority
2.9
I am a late majority
2.7
I am a laggard
1.7
Strongly agree


VISIBILITY
Peak of Inflated Expectations
Plateau of Productivity
Slope of Enlightenment
Swamp of Continued Use
Roundabout of Repackaging
Trough of Disillusionment
Technology Trigger
Trash Heap of Failures
TIME

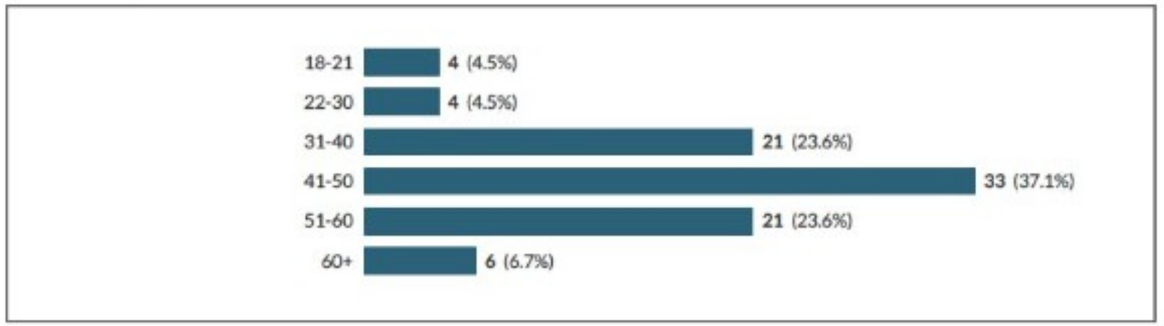

Digital Twin
Deep Neural Nets (Deep Learning)
Biochips
Carbon Nanotube
Smart Workspace
IoT Platform
Brain-Computer Interface
Virtual Assistants
Autonomous Mobile Robots
Silicon Anode Batteries
Smart Robots
Blockchain
Deep Neural Network ASICs
AI PaaS
Quantum Computing
5G
Connected Home
Volumetric Displays
Autonomous Driving Level 4
Self-Healing System Technology
Mixed Reality
Conversational AI Platform
Autonomous Driving Level 5
Edge AI
Exoskeleton
Blockchain for Data Security
Neuromorphic Hardware
Knowledge Graphs
4D Printing
Artificial General Intelligence
Smart Fabrics
Augmented Reality
Smart Dust
Flying Autonomous Vehicles
Biotech — Cultured or Artificial Tissue
Plateau will be reached in:
less than 2 years
2 to 5 years
5 to 10 years
more than 10 years
As of August 2018
Expectations
Innovation Trigger
Peak of Inflated Expectations
Trough of Disillusionment
Slope of Enlightenment
Plateau of Productivity
Time

2 1

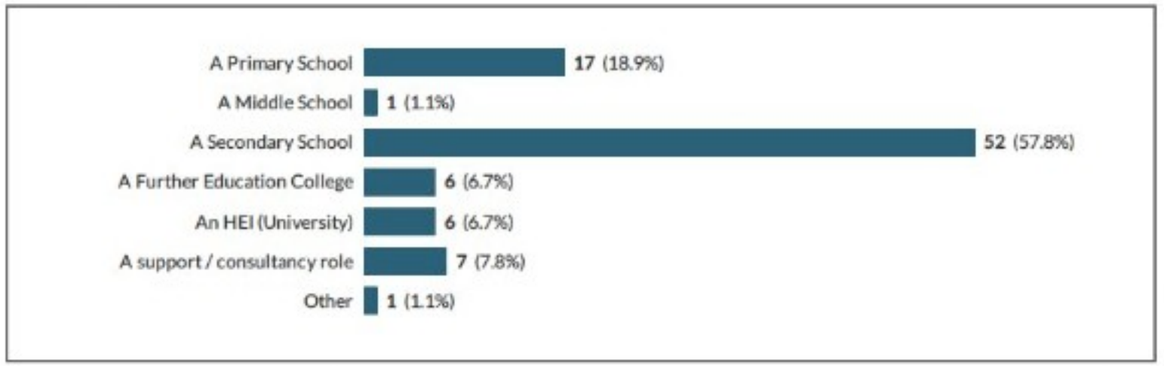
1 Are you:



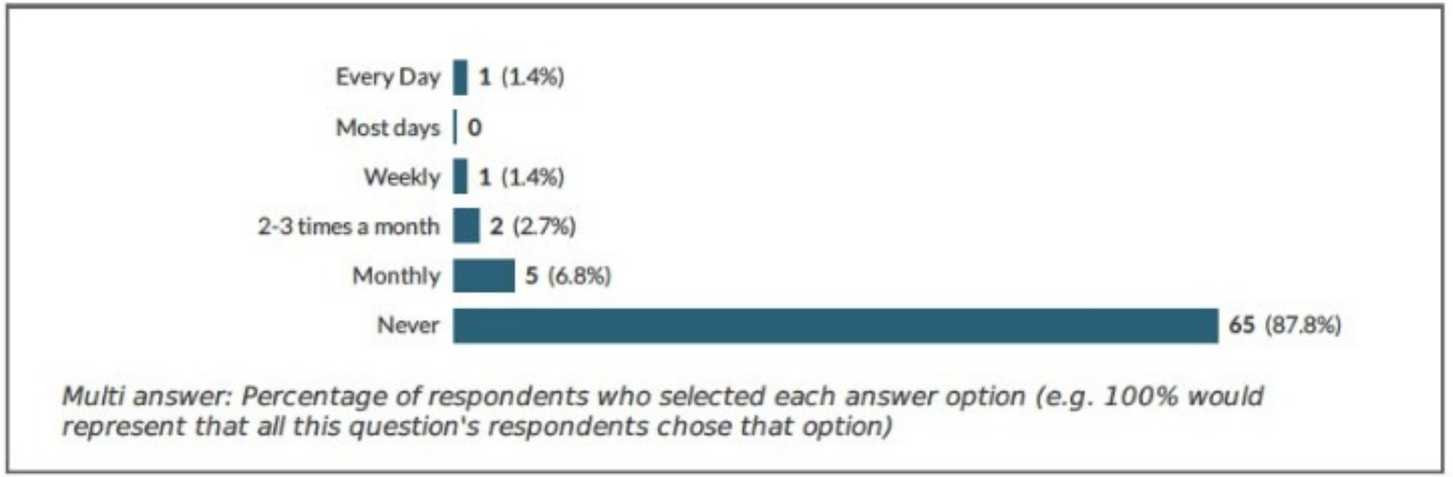
2 How old are you?



3 Are you in:

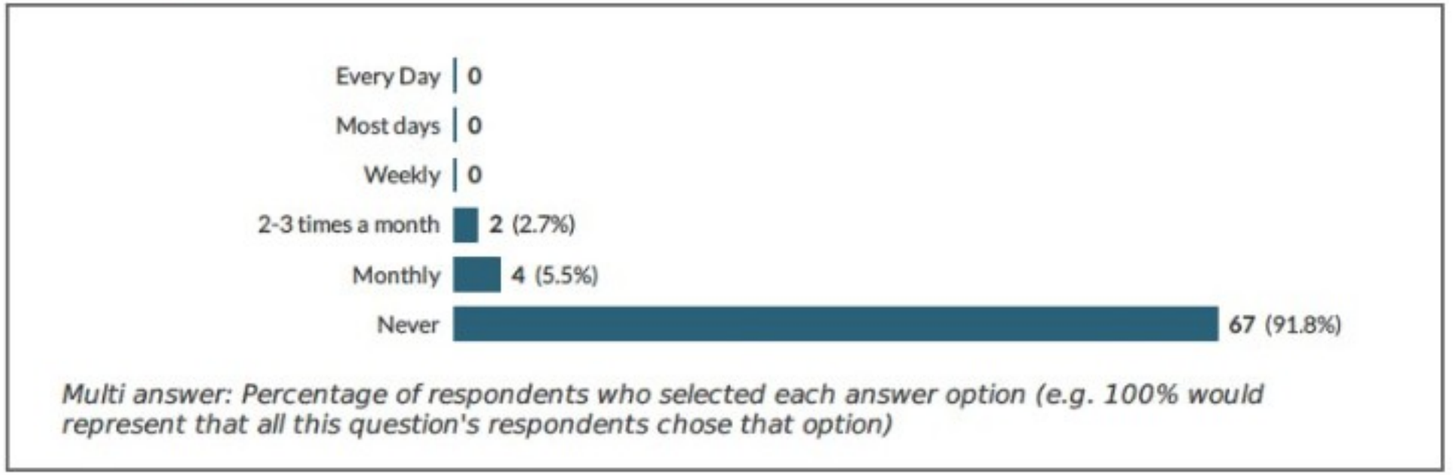


10.5 Game Machine



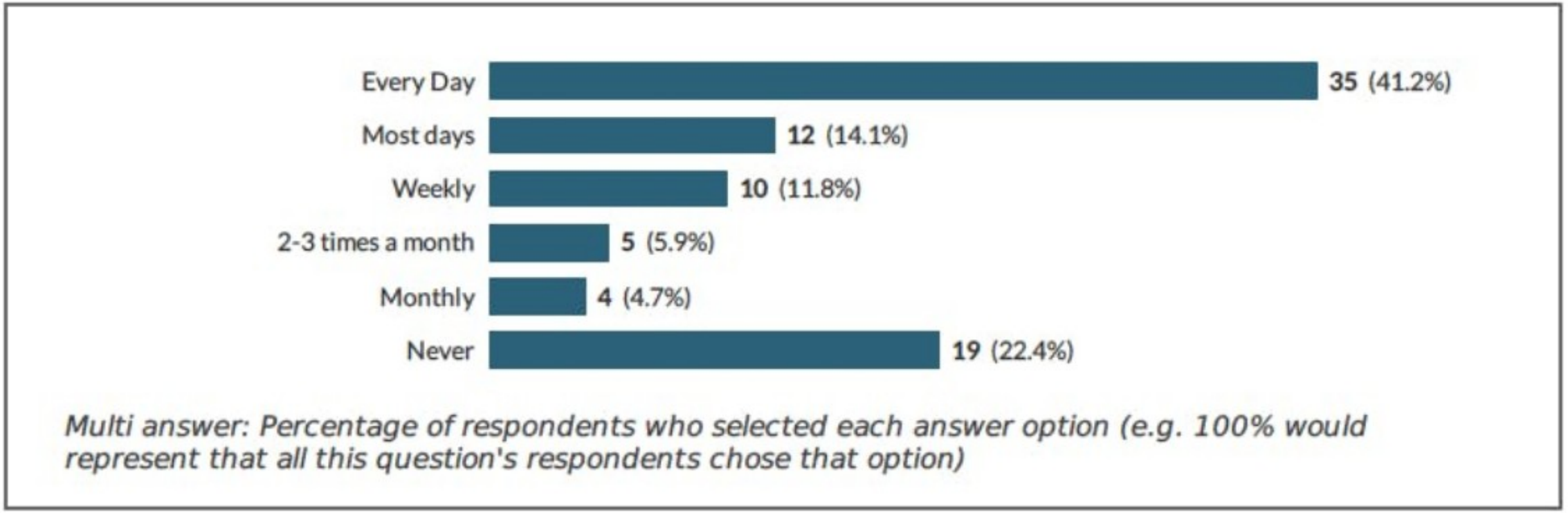
Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

10.6 Virtual Reality



Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

10.9 Social Media (Twitter)



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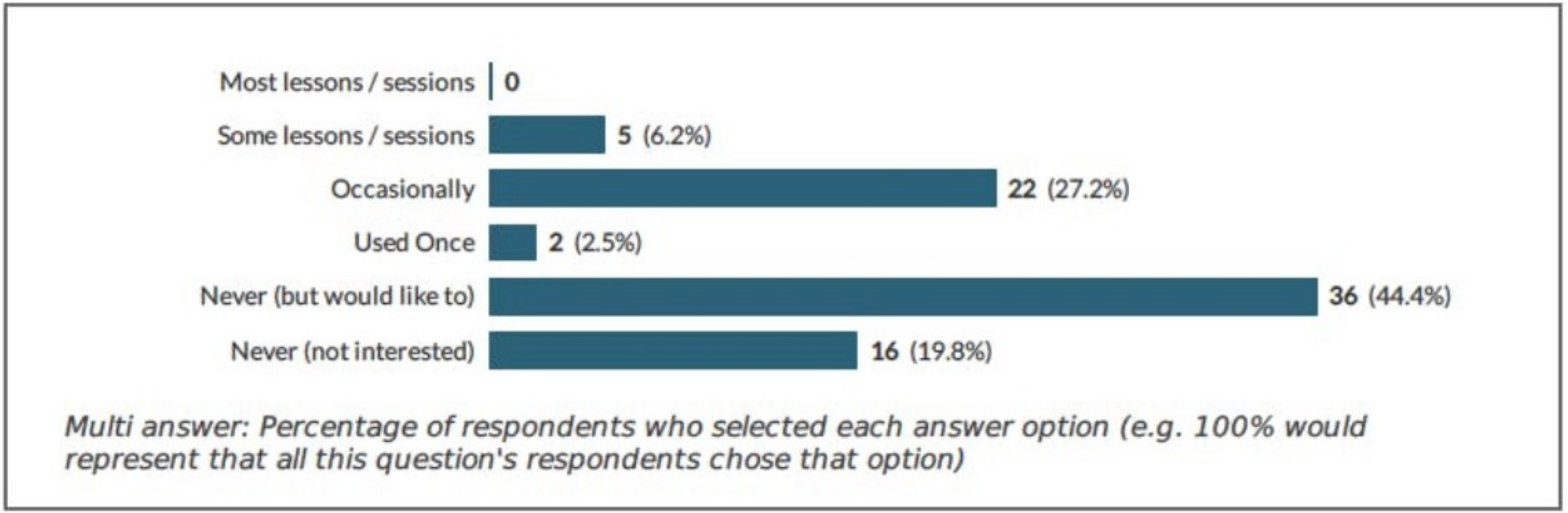
11.1 RE specific 'App' for Smartphone / Tablet



Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

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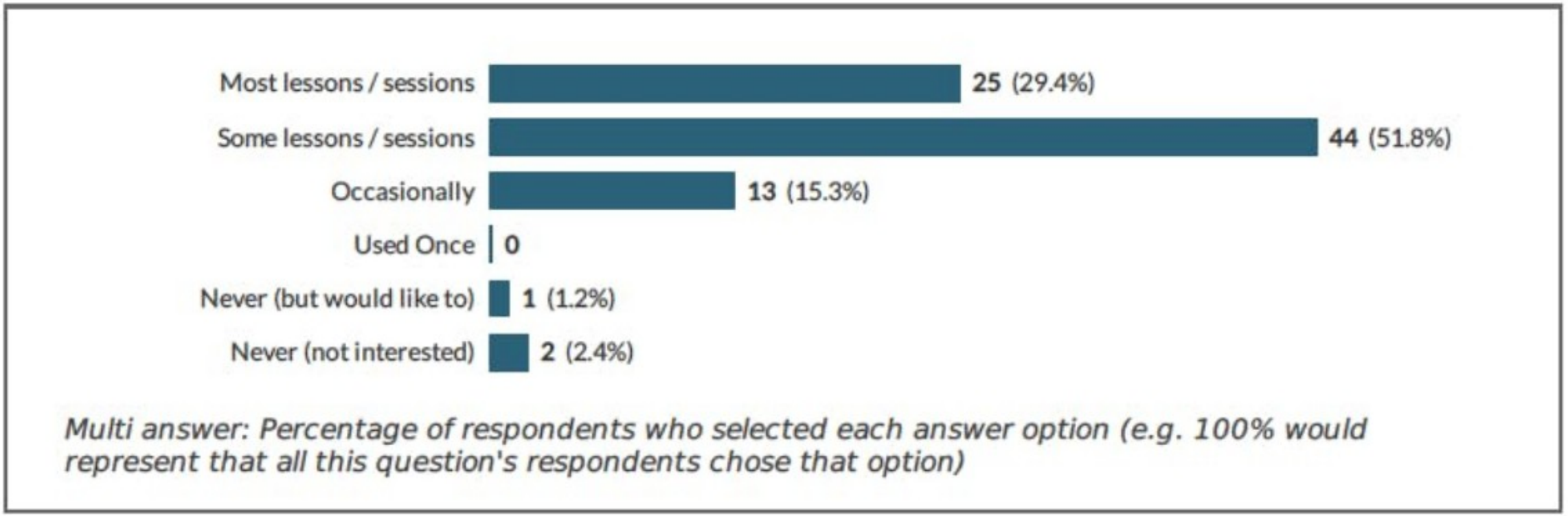
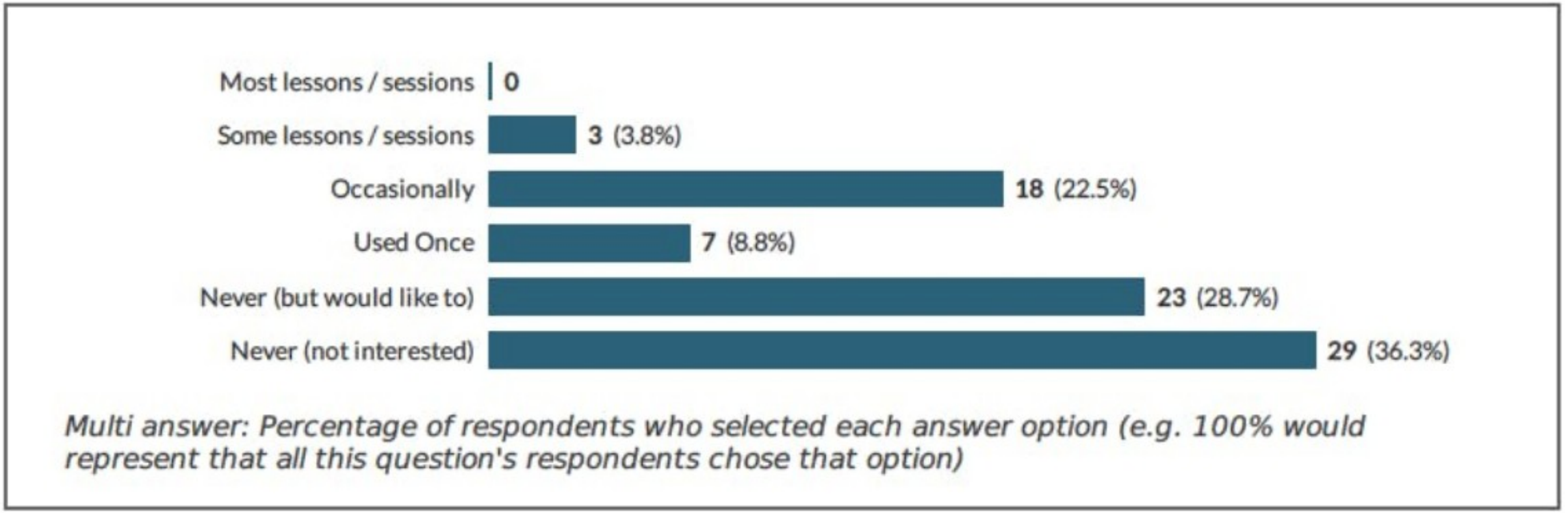
11.7 Video Presentation Software (e.g. You Tube, Vimeo)



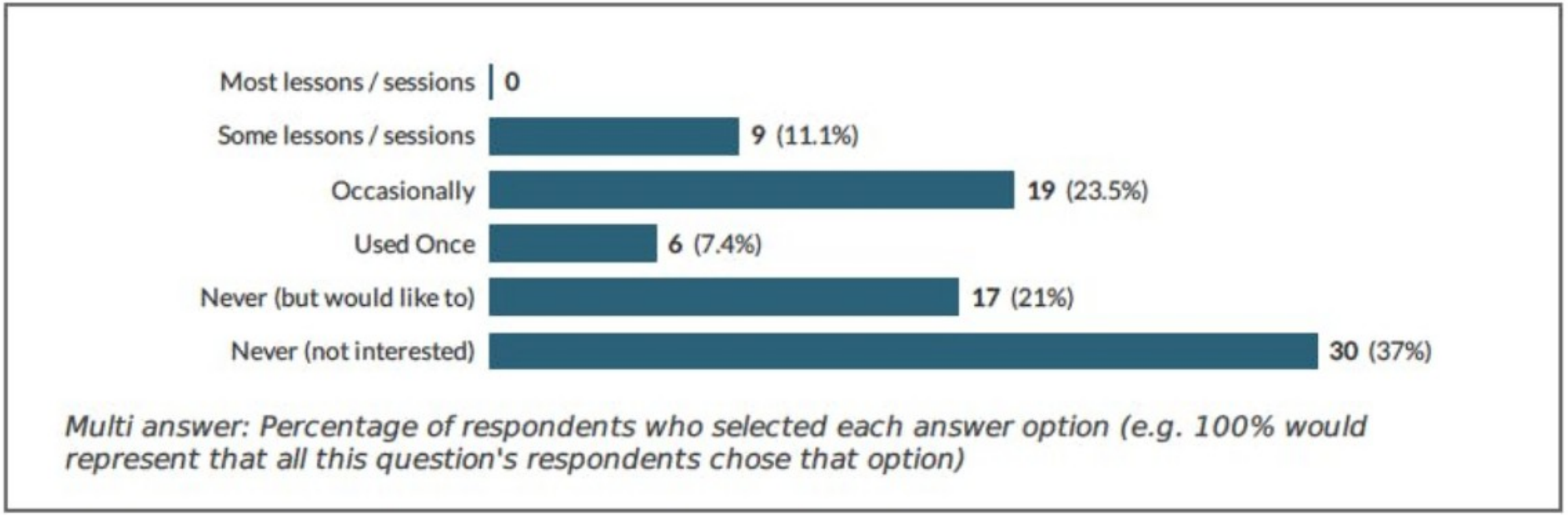
Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

11.8 Video Creation Software (e.g. iMovie, Adobe Premier, VideoPad)



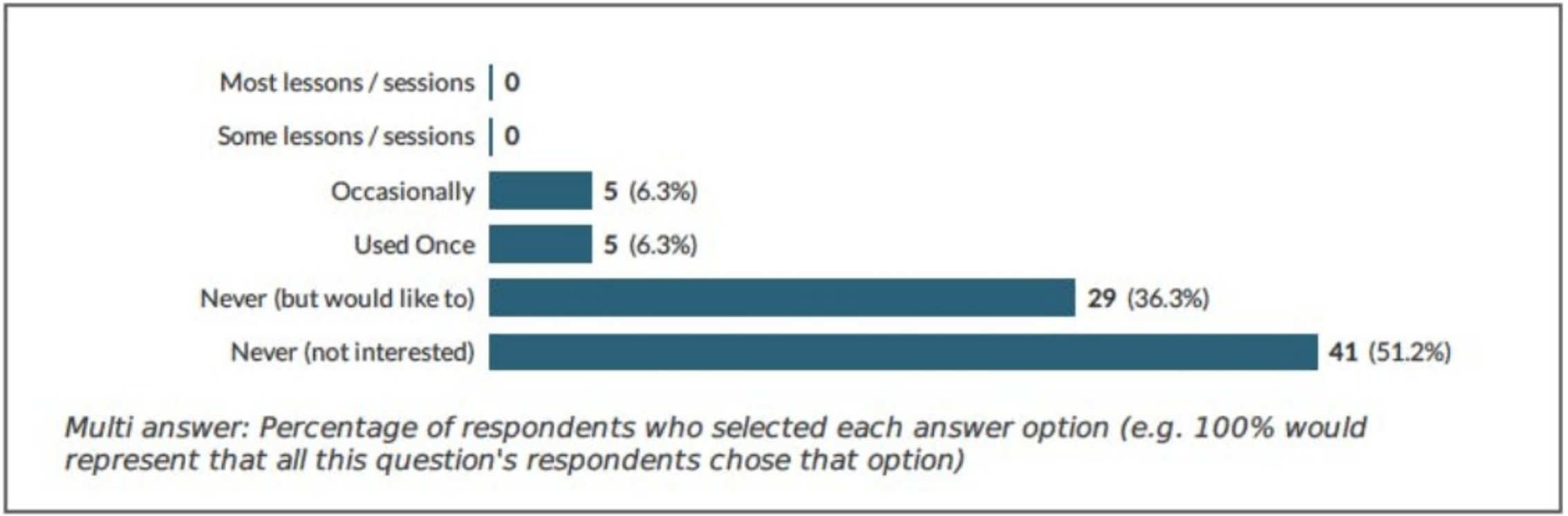
Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

11.9 Electronic Books



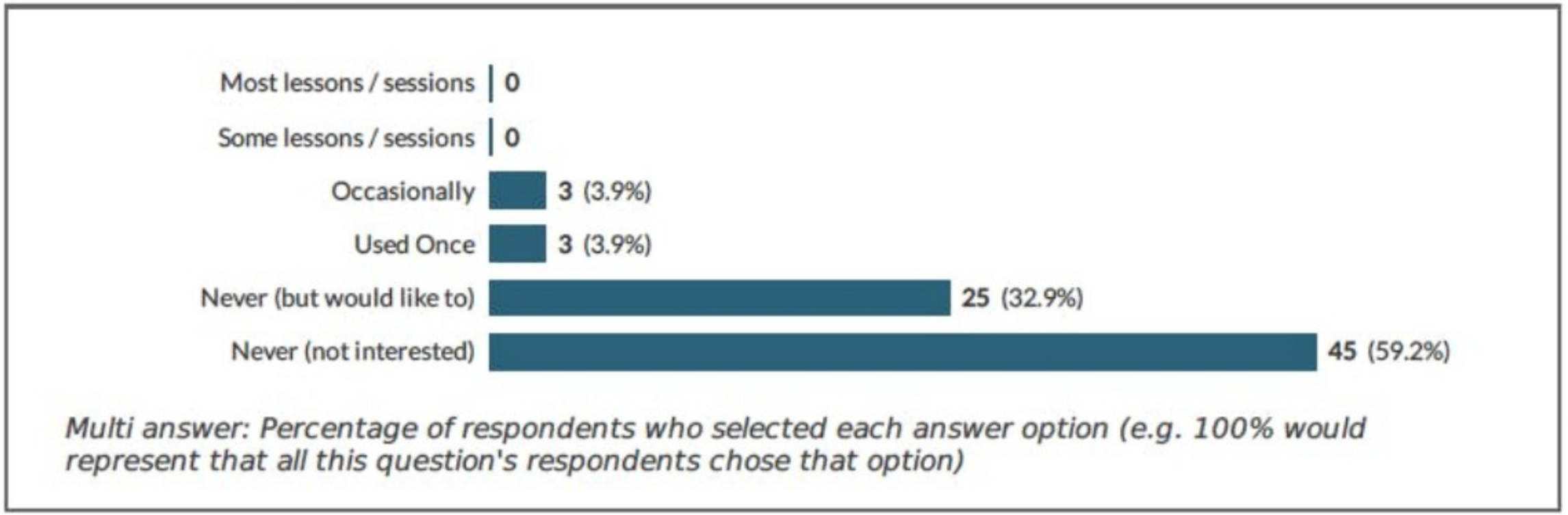
Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

11.12 Virtual Reality



Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

11.13 Augmented Reality



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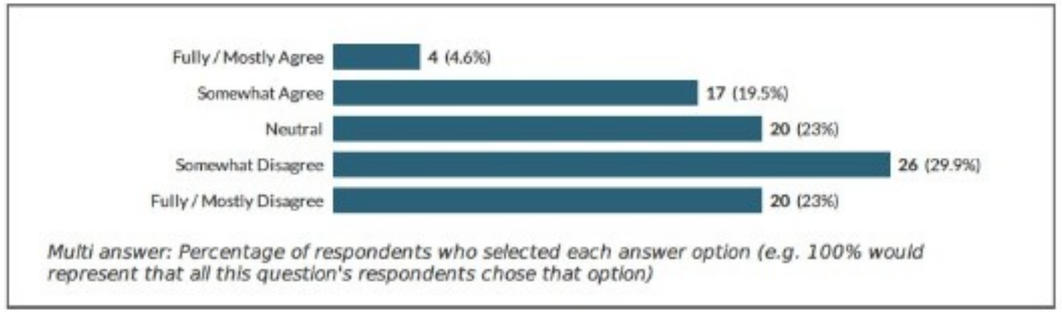
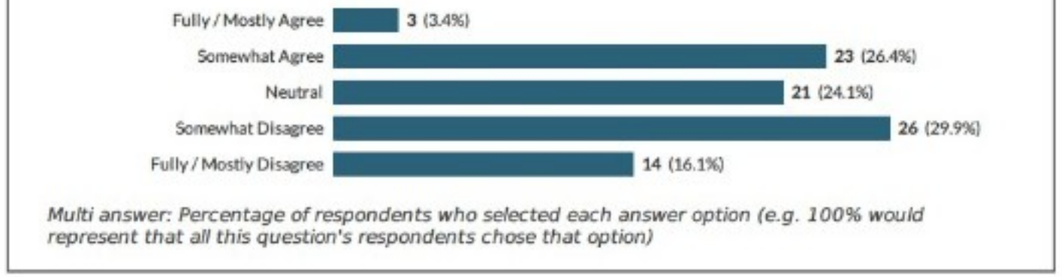


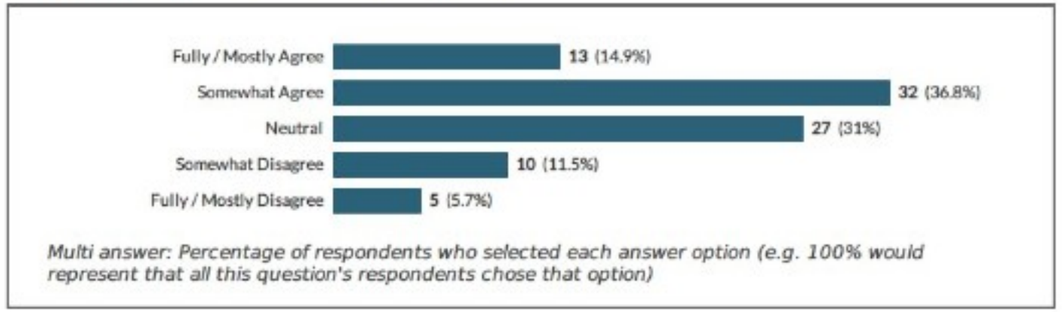
Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

15.8 I am aware of the range of technology that is available for the RE classroom



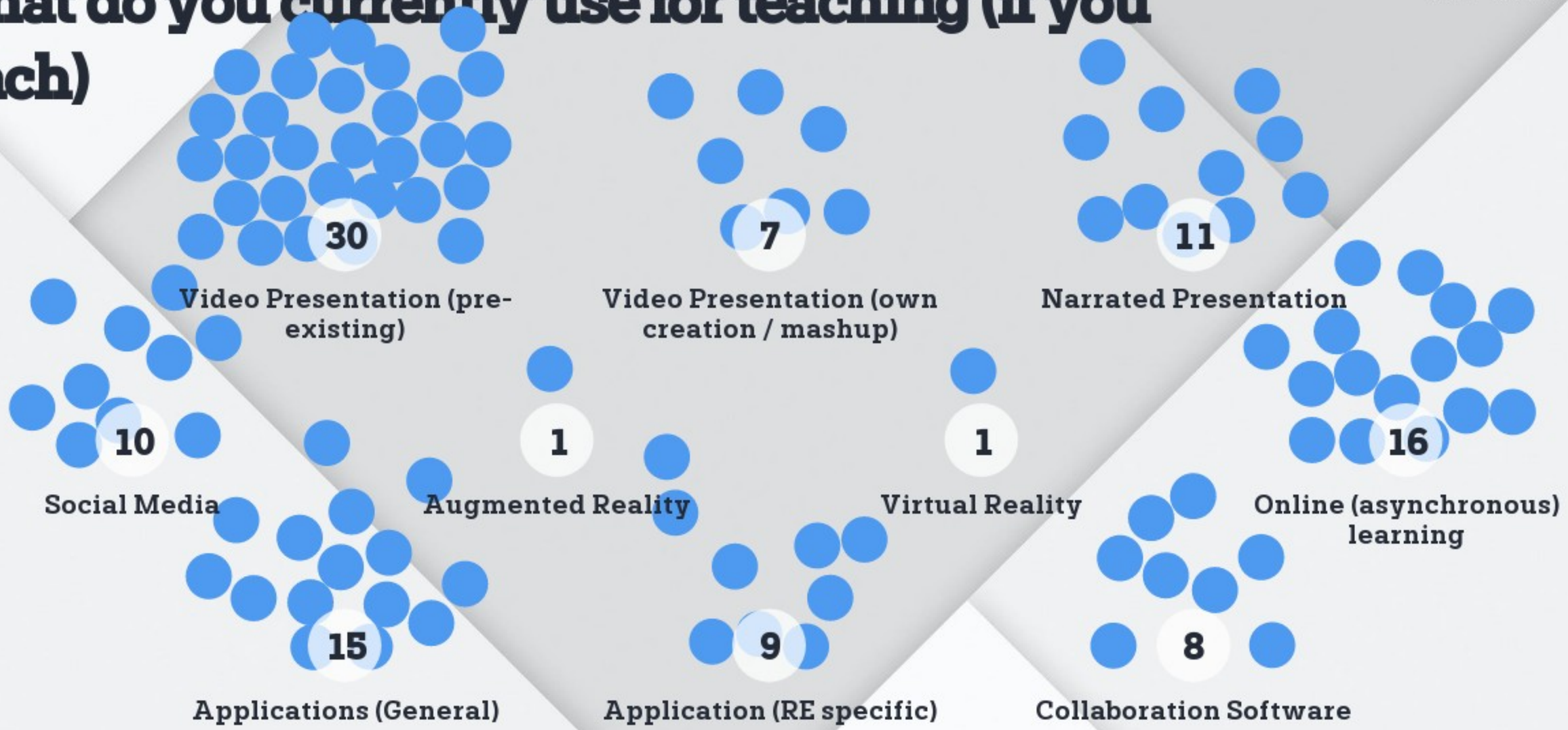
Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

15.9 I feel confident in using technology for RE teaching



Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

What do you currently use for teaching (if you teach)



What are you aware of ....

UNIVERSITY OF HULL | TEACHING EXCELLENCE ACADEMY

Alexa for Bible verses!

No

Virtual tours (museums etc)

Virtual places of worship

I use virtual tours

Virtual tours - useful

Virtual tours of places of worship

I tend to use clips and articles that are on there rather than anything else more because I don't know of any others- if you could let us know of good ones I would love it

Not many

What are you aware of ....

Virtual tours

Virtual tours of sites

True Tube

Virtual visits to places of worship

RE Definitions Virtual places of worship tours on-line Jewish museum virtual classroom Westminsiter Abbey virtual classroom

Virtual museums, using Google maps to visit places of worship, articles ,social media

True tune

I am waiting for some training on Google classroom to create virtual tours which can be added to an existing project we run which is a Google map of Middlesbrough's places of worship. I will then train the students.

Virtual tours of mosque

What are you aware of ....

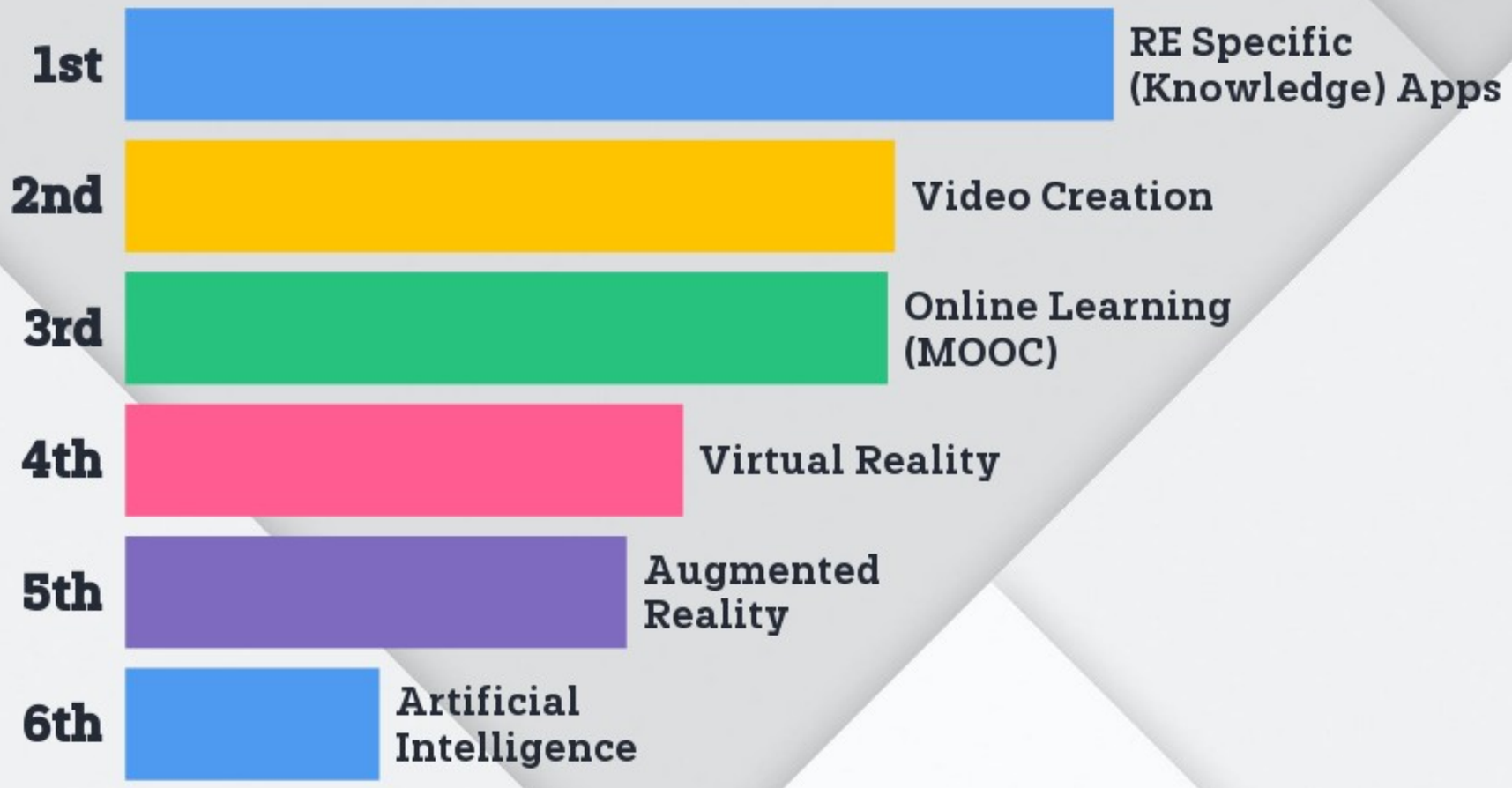
very little

pop up rabbi and other from St Philips' Centre Leicester VR research on Holocaust and photos (Nottingham Uni +)

Film clips, downloadable religious text, virtual tours , virtual museum artefacts

VR for sacred space exploration

What do you think is the most important "new" tech?



Still to do ...

- Complete Interview with teachers
- Arrange case studies / access to schools
- Dissemination portal

Questions / Thoughts?

Please pop these into the chat on "Go to Meeting"