



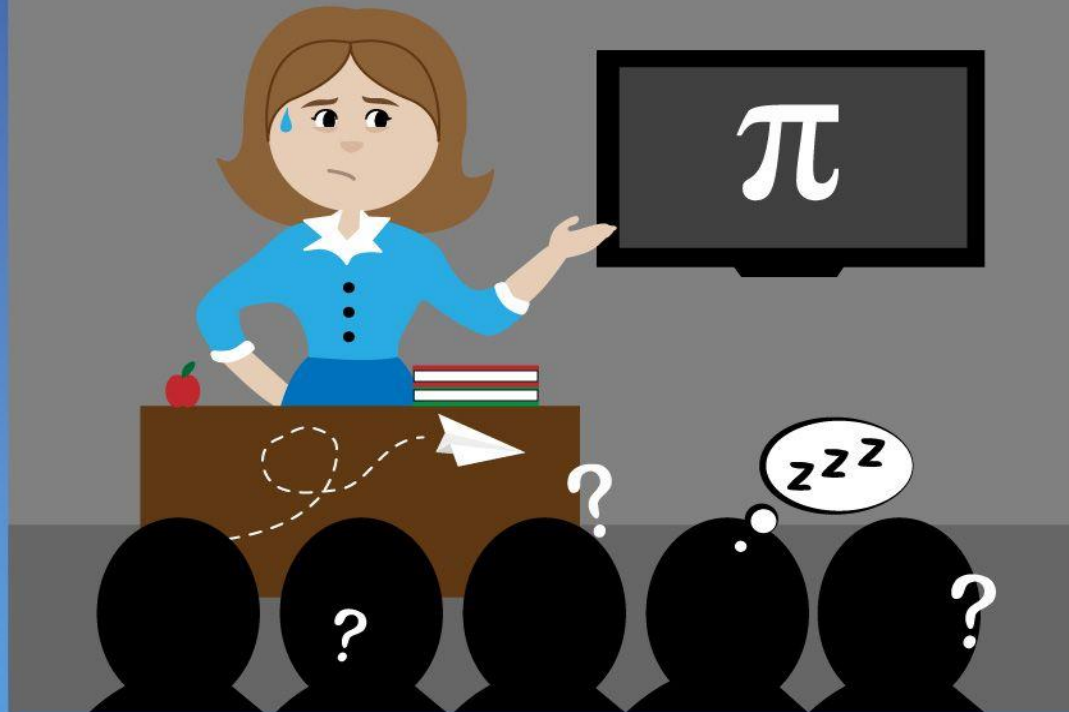
Display Size Matters

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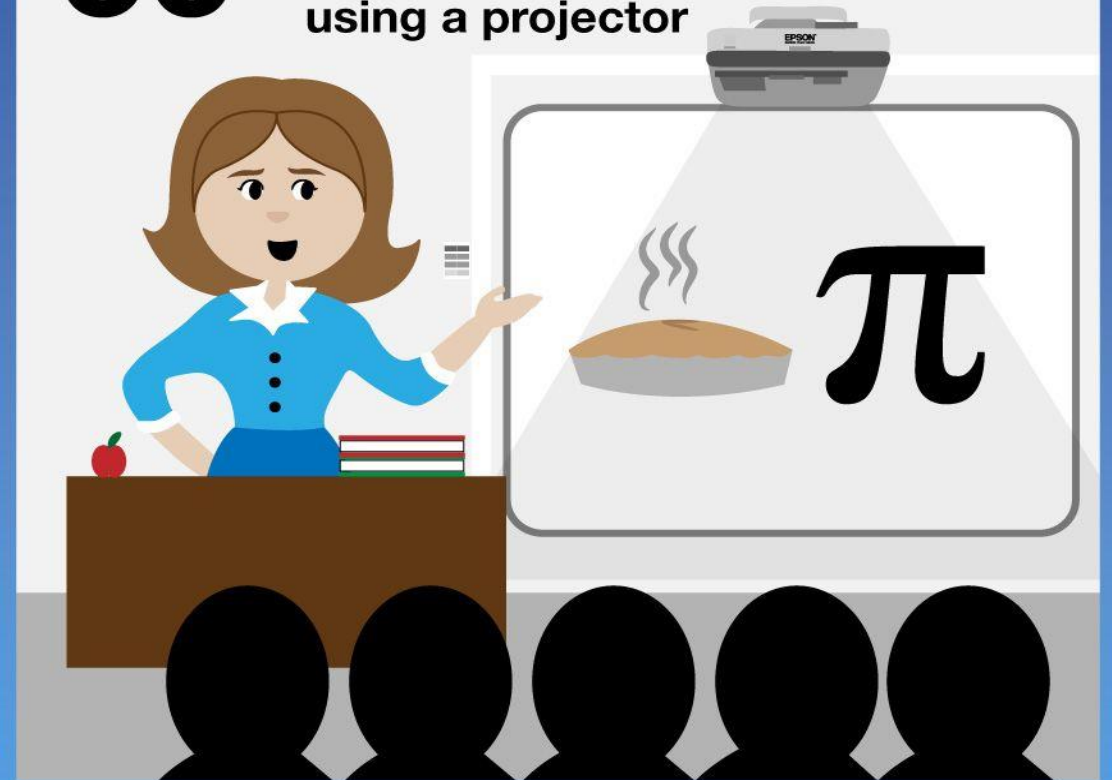
The impacts of screen visibility in today's classrooms

AND WHY THE RIGHT TECHNOLOGY IS SO IMPORTANT

76% of teachers believe children are more disengaged when they can't see the screen properly



60% of teachers find they can be more creative with their lessons when using a projector



40% OF TEACHERS NOTICE A PATTERN BETWEEN CHILDREN WITH LIMITED SCREEN VISIBILITY AND LOWER EXAM SCORES

Display Size Matters/Cost Per Inch

Think about **total image area**, not just the diagonal inches...

Flat panel displays (16:9 aspect)

$$50'' = 0.68\text{m}^2$$

$$55'' = 0.82\text{m}^2$$

$$65'' = 1.17\text{m}^2$$

$$75'' = 1.54\text{m}^2$$

Projectors (16:10 aspect)

$$80'' = 1.86\text{m}^2$$

$$85'' = 2.09\text{m}^2$$

$$100'' = 2.90\text{m}^2$$

$$120'' = 4.18\text{m}^2$$

Easier to see, fit more content on screen,
and more space to collaborate / interact

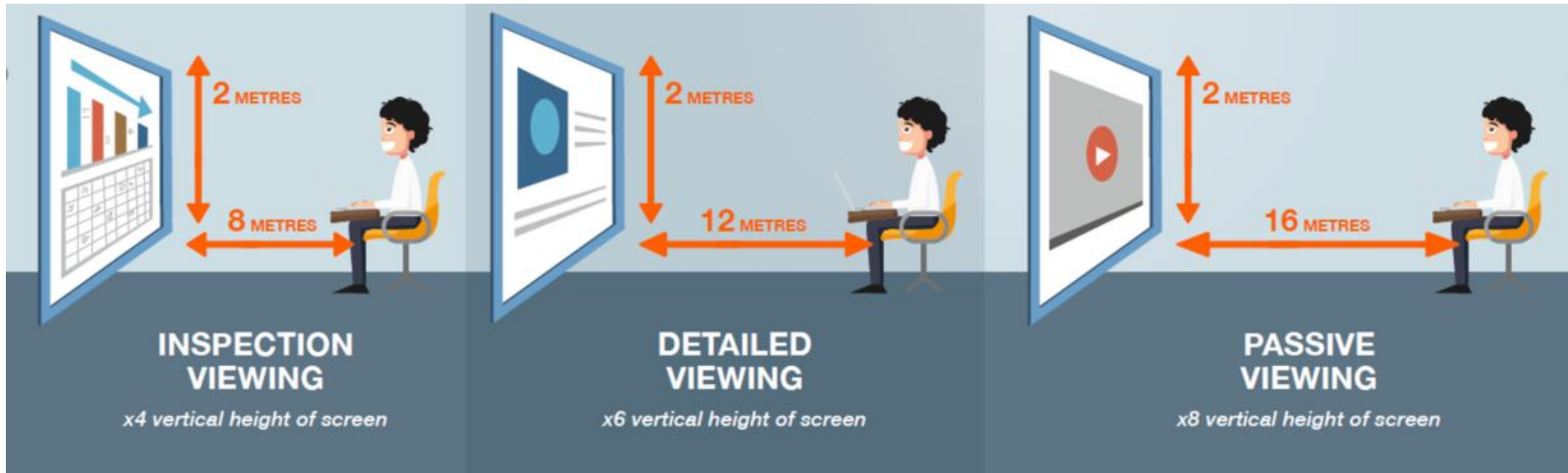
= bigger impact

Screen Size Matters

The 4-6-8 Rule

Screen size recommendations for classroom and lecture theatre use.

Research and industry bodies recommend that students sit no further away than 4-6-8 times the vertical screen height, based on the task.



Screen Size Matters

Applying the 4-6-8 rule

65" (16:9 aspect)

Multiply the screen height (0.81) x 6

Therefore the recommended maximum viewing distance = **4.86m**

83" (16:10 aspect)

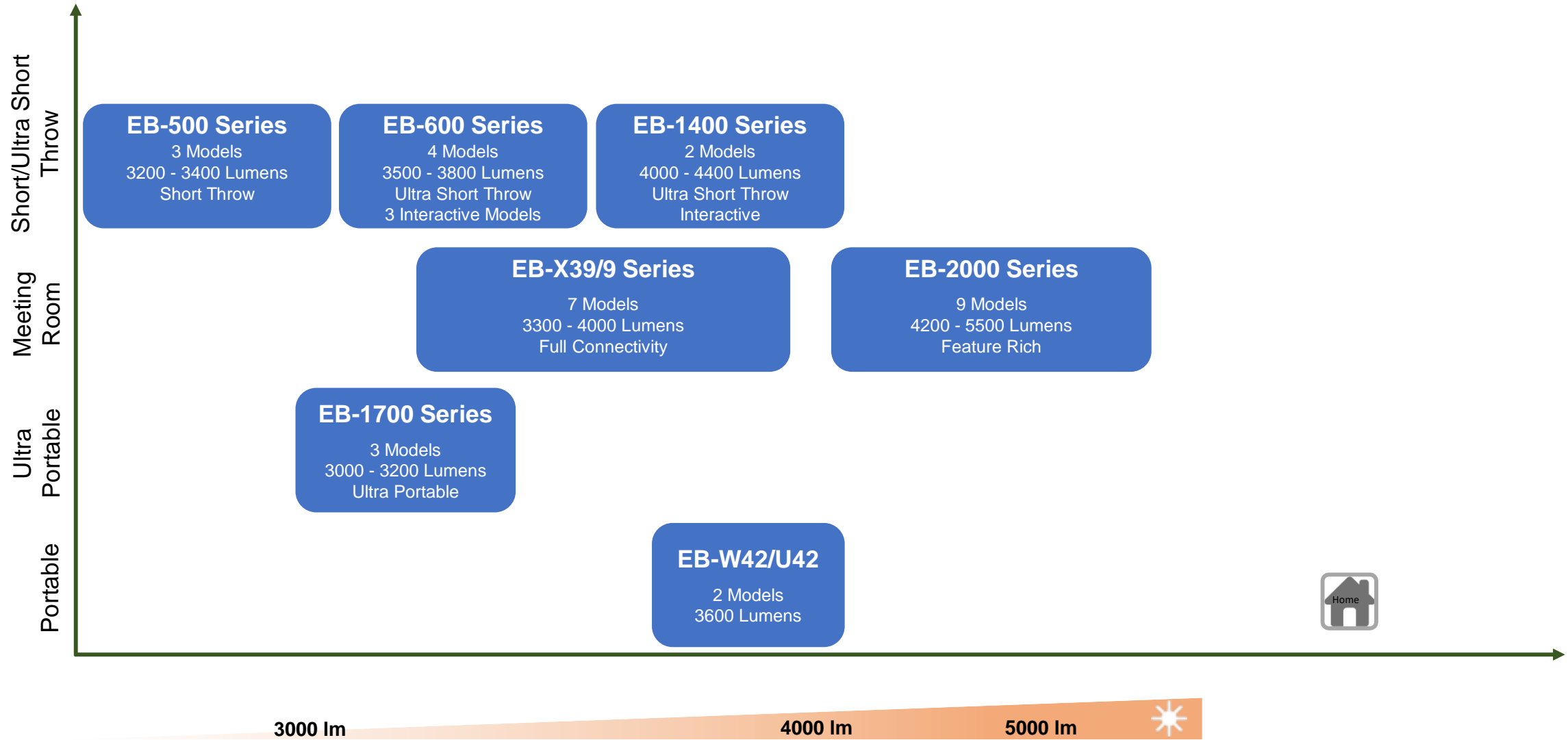
Multiply the screen height (1.12m) x 6

Therefore the recommended maximum viewing distance = **6.72m**

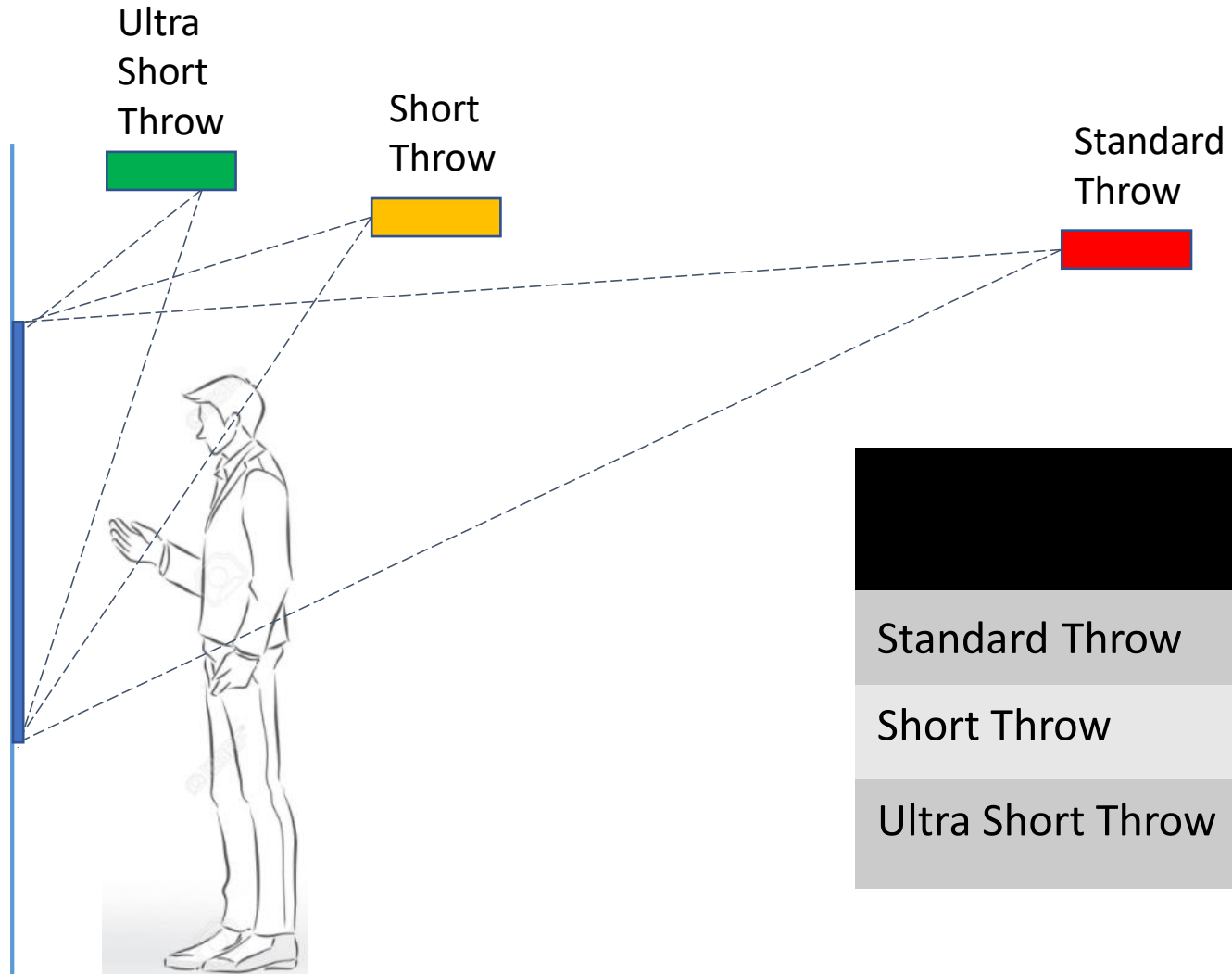


Is the trade association representing the professional audiovisual and information communications industries worldwide

BUSINESS RANGE OVERVIEW – 30 CURRENT MODELS



Throw Distance



	Throw Distance
Standard Throw	1.2 ~ 2.5 : 1
Short Throw	0.5 : 1
Ultra Short Throw	0.3 : 1

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Market Trends

Interactivity dominant in Education, growing in Corporate

Projection growth areas: **Full HD, solid state** light sources

Display market saturated / longer refresh cycles & **product durability**

Connectivity is key: wireless / streaming / BYOD / collaboration

The flipped classroom?

Non-interactive front-of-class display

Wireless connection to tablet / mobile device eg. iPad, Chromebook

Interact / engage / control from anywhere in the room

Projection offers unbeatable value for large image sizes



Why buy Epson?

- ✓ World No.1 in Projection
- ✓ 3x brighter colours and no rainbow effect (versus 1 Chip DLP)
- ✓ Superior screen size and cost per inch versus flat panels
- ✓ Free Epson software: iProjection, Projector Management and Easy Interactive Tools
- ✓ Low replacement lamp costs
- ✓ Strong wraparound warranty and service offerings

