



Who are you?

# Learning objective:

Identify and challenging invisible assumptions that constrain outside the box thinking.

# Understanding morals v. ethics

## Morality

Killing is bad.

Honesty is good.

(Characterised by being 'bad or good')

## Ethics

Do no harm.

Provide competent services to clients.

(Characterised as a 'rule of conduct')

# What are some examples of innovation?

5 minutes in break-out groups

I bet all of your examples of innovation are of *things*.

# Innovation:

The introduction of a new  
**idea**, **method** or **device**.

- Merriam-Webster dictionary

What are some examples  
of innovative **ideas**  
throughout history?

5 minutes in break-out groups



Mythology  
13<sup>th</sup>-9<sup>th</sup> BC

Christianity  
1<sup>st</sup> century

Copernicus  
15<sup>th</sup> century

Newton  
16<sup>th</sup> century

Enlightenment  
18<sup>th</sup> century

Slavery is wrong  
20<sup>th</sup> century

Death of truth  
21<sup>st</sup> century

Buddha, Confucius,  
Socrates, Plato,  
Aristotle  
400 – 300 BC

Islam  
7<sup>th</sup> century

Galileo  
15/16<sup>th</sup>  
centuries

Renaissance  
14<sup>th</sup> - 17<sup>th</sup>  
century

Planck, Maxell,  
Einstein 20<sup>th</sup>  
century

Feminism is a thing  
20<sup>th</sup> century

What made these ideas  
innovative?

What are some of the biggest challenges that humanity and the planet face today?

How do you contribute  
to them?

What do these challenges  
look like in 25 years?

Have you continued to  
contribute to the problems?

Why?

## How a half-educated tech elite delivered us into chaos

*John Naughton*

If our supersmart tech leaders knew a bit more about history or philosophy we wouldn't be in the mess we're in now



### most viewed



Stephen Hawking, modern science's brightest star, dies aged 76



Pennsylvania special election: Democrats declare victory in setback for Trump



A brief history of Stephen Hawking's A Brief History of Time



'Mind over matter': Stephen Hawking - obituary by Roger Penrose



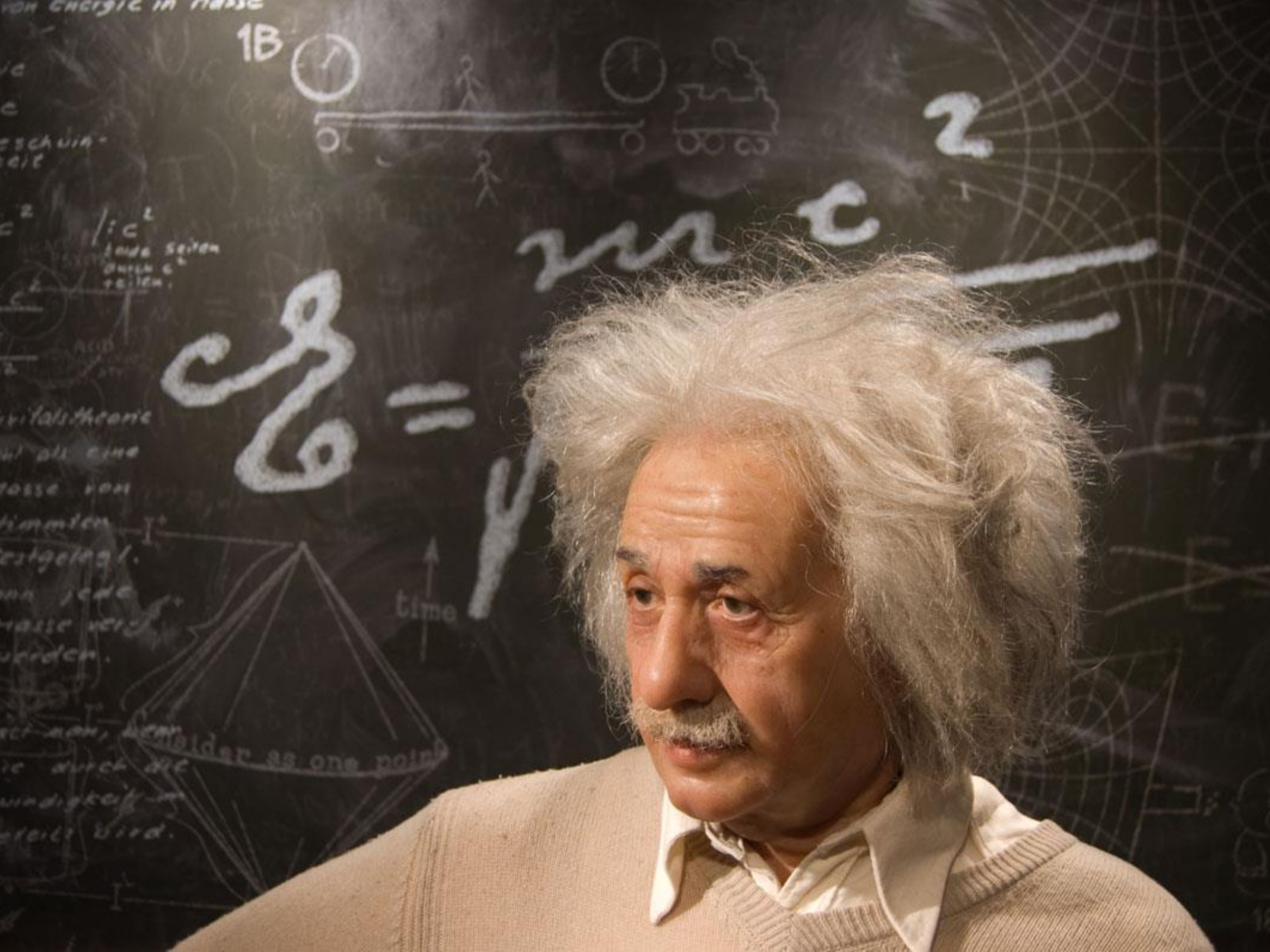
Chinese reporter's spectacular eye-roll sparks viral memes and censorship




Can you identify some assumptions your current work is built upon?

5 minutes in break-out groups

“We can’t solve problems by using the same kind of thinking that created them.”





“YOU NEVER CHANGE THINGS BY  
FIGHTING THE EXISTING REALITY.  
TO CHANGE SOMETHING, BUILD A  
NEW MODEL THAT MAKES THE  
EXISTING MODEL OBSOLETE.”

**- BUCKMINSTER FULLER**