

WAS EINSTEIN RIGHT?

Exploring the Imagination

Charles David Kelley

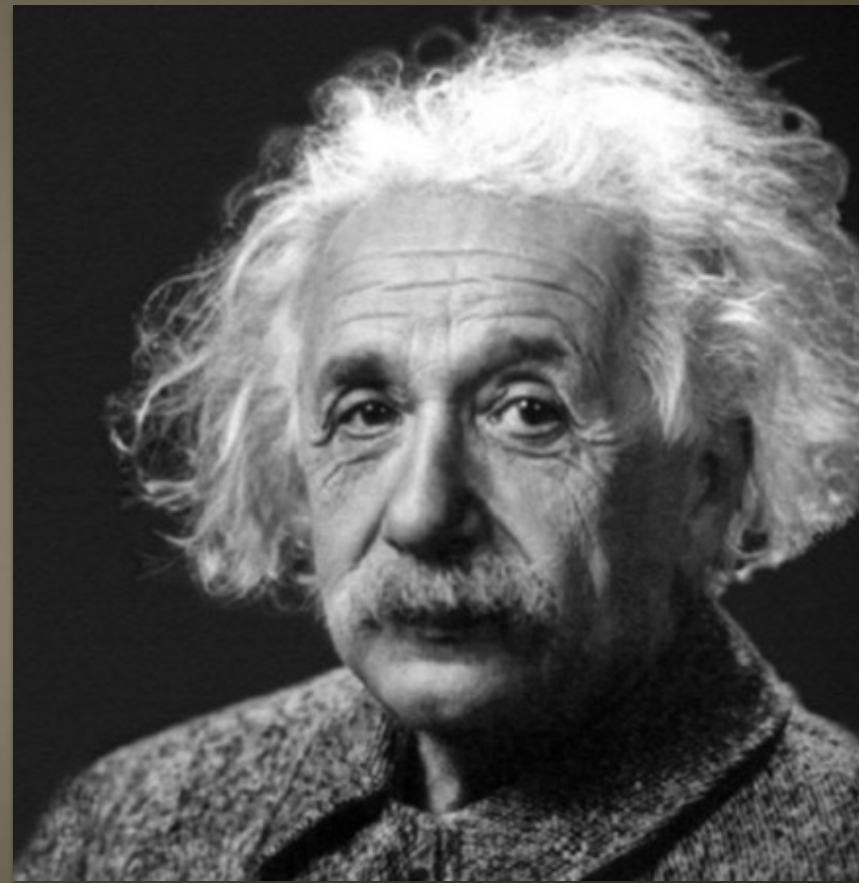
European Leadership Forum

May 2023

2 QUESTIONS

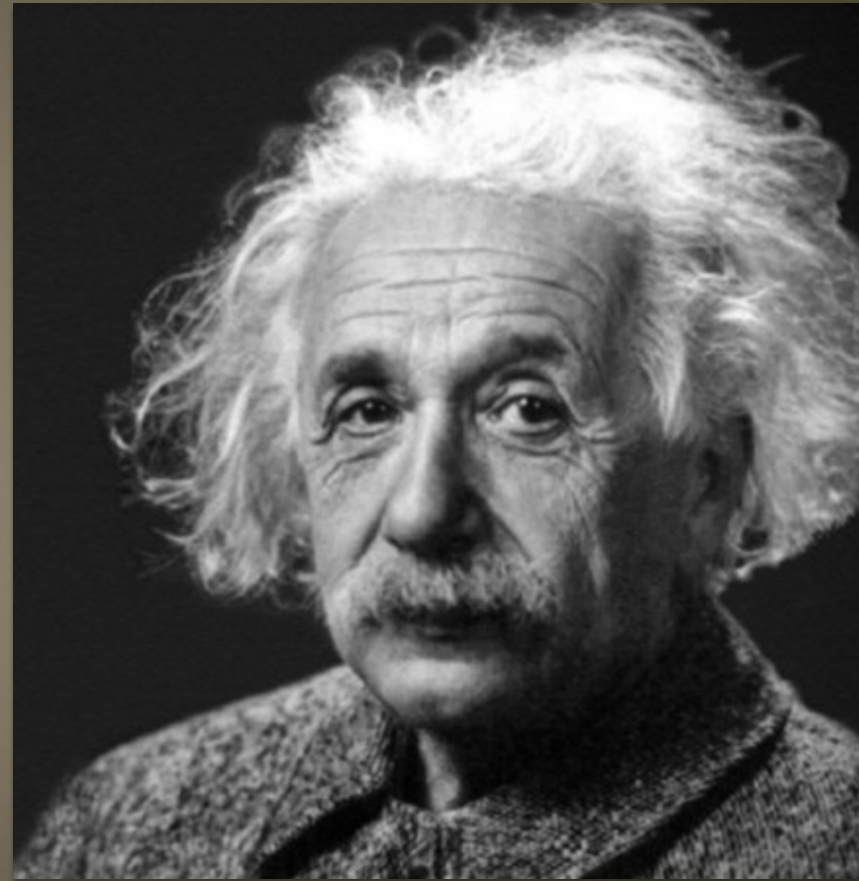
Imagination without knowledge

is ...

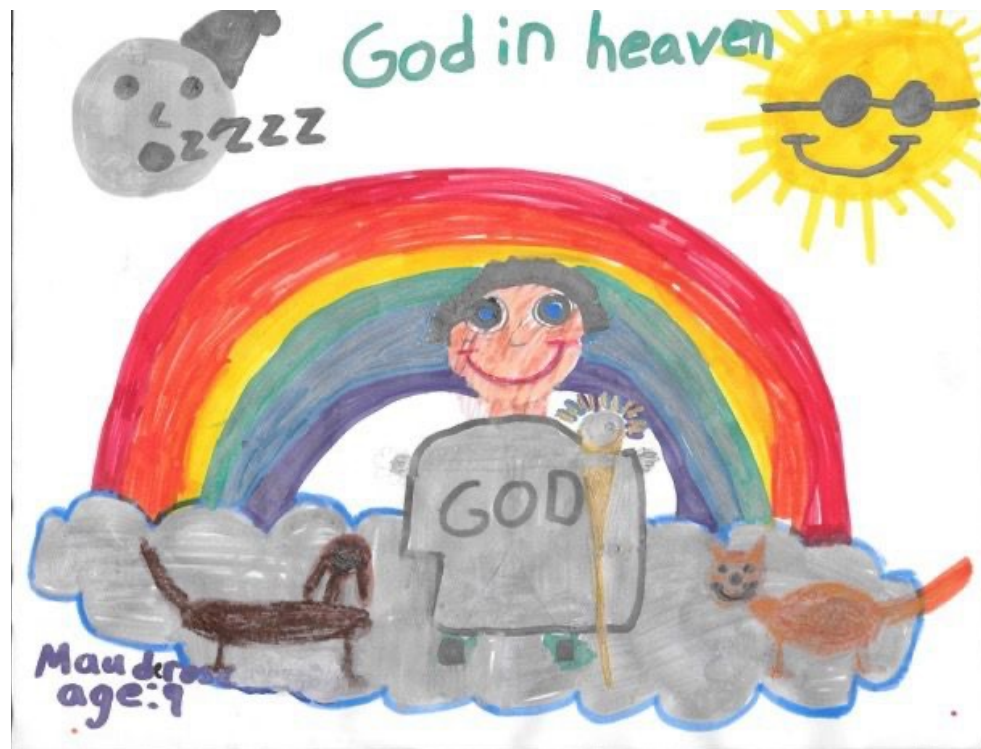


2 QUESTIONS

*Knowledge without imagination
is ...*



**THROUGH
THE EYES
OF A CHILD**

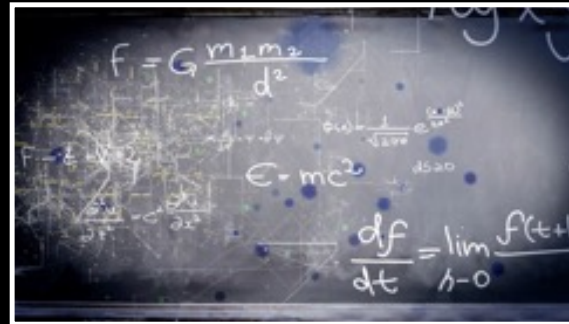


WAS EINSTEIN RIGHT?

I am enough of an artist to draw freely upon my imagination.

Imagination is more important than knowledge.

Knowledge is limited.
Imagination encircles the world.



IMAGINING

Imagination

Creativity

Desire

Encouragement

Training

Inspiration

Ideation

Design

Making

Evaluation

Innovation

Change



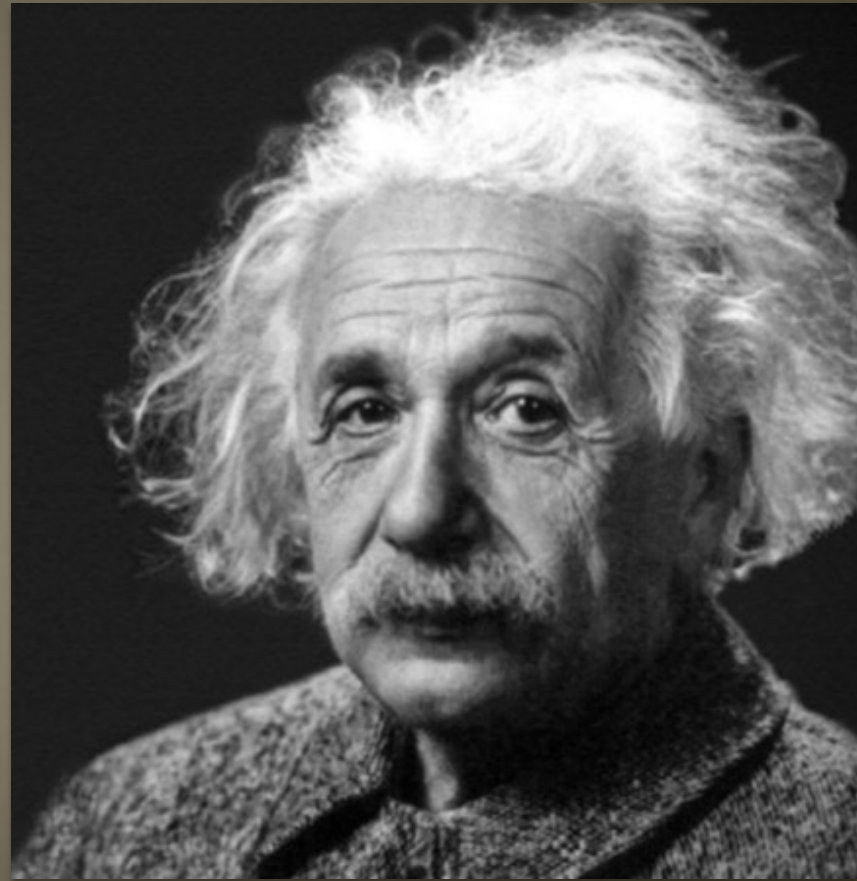


IMAGINATION

WAS EINSTEIN RIGHT?

“Logic will get you from A to Z.
Imagination will get you
everywhere.”

“Imagination is the highest form
of research.”



SIR KEN
ROBINSON

*“Imagination is the
ability to bring into
mind the things that
are not present.”*



CARL SAGAN

“Imagination will often carry us to worlds that never were. But without it we go nowhere.”



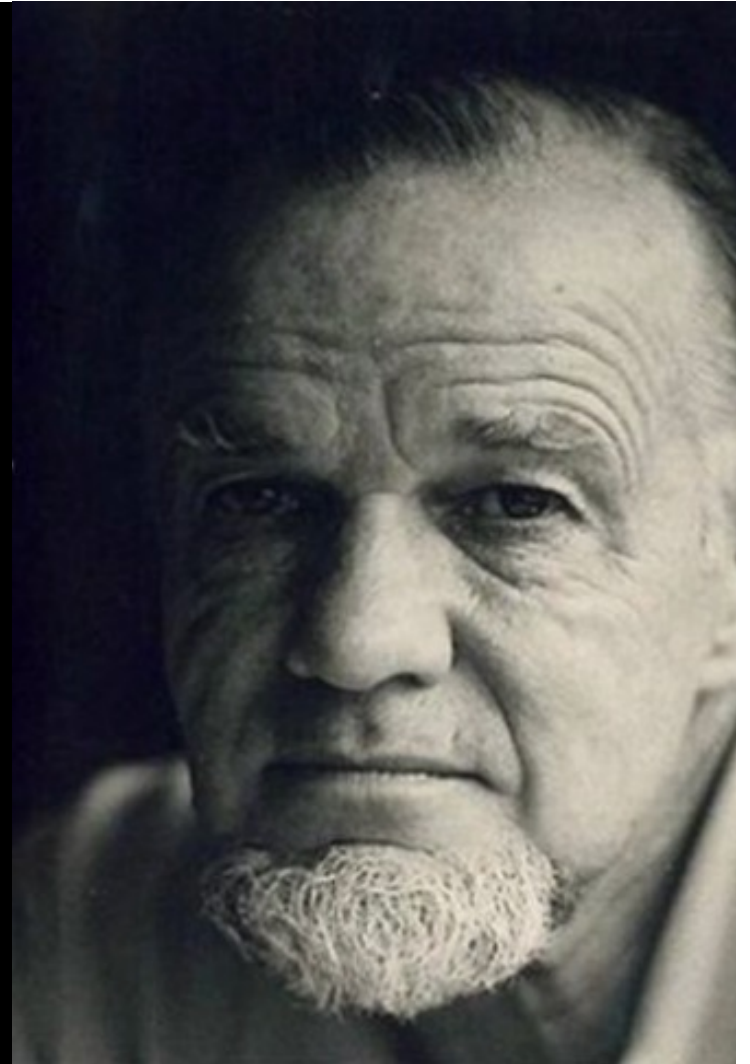
LEONARDO DA VINCI

*“Art is the queen of all sciences
communicating knowledge to all the
generations of the world.”*



FRANCIS SCHAEFFER

*“The Christian is the one whose
imagination should fly beyond the stars.”*





J. K. ROWLING

*“Imagination is not only the uniquely human capacity to envision that which is not, and, therefore, **the foundation of all invention and innovation.**”*

GEORGE BERNARD SHAW

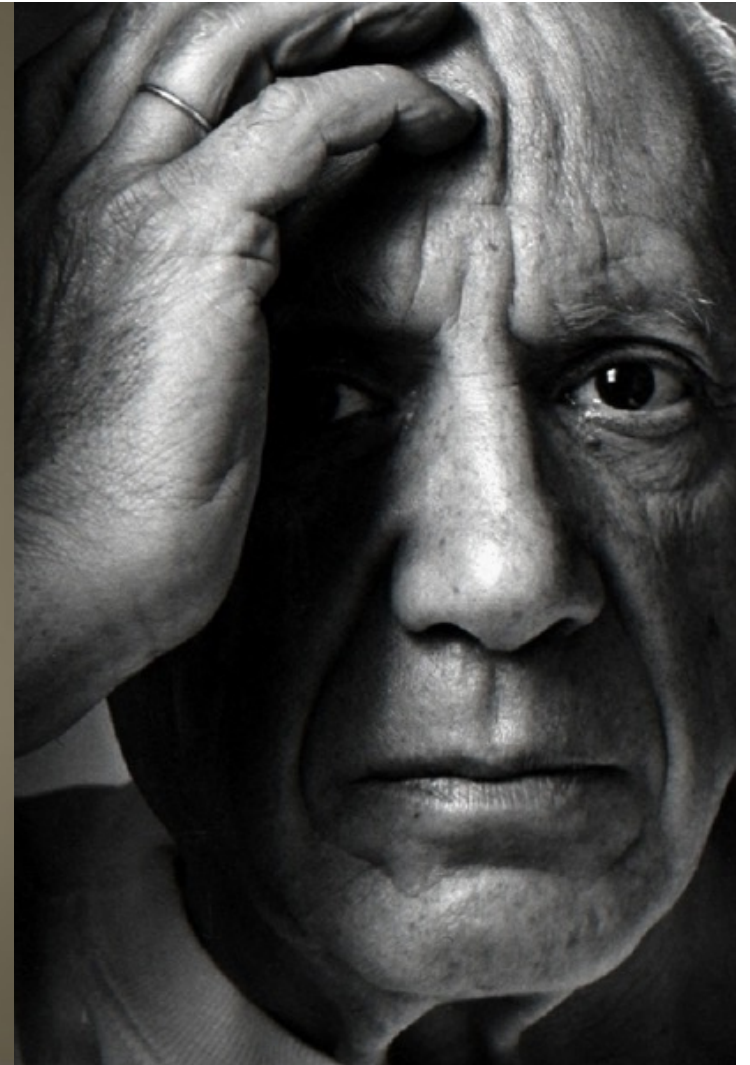
“Imagination is the beginning of creation.”

*“You imagine what you desire; you will
desire what you imagine; and at last you
create what you will.”*



PICASSO

“There is only one admirable form of the imagination: the imagination that is so intense that it creates a new reality, that it makes things happen.”





CREATIVITY

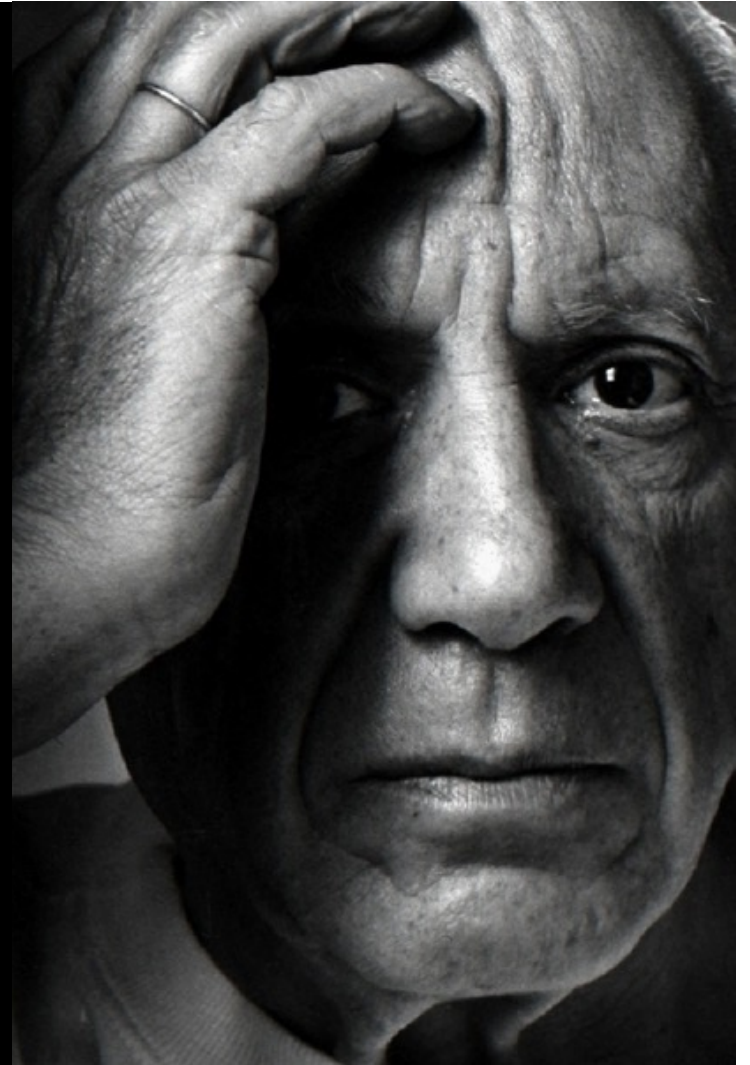
SIR KEN ROBINSON

“Creativity is the process of having original ideas that have value. It is a process; it's not random.”



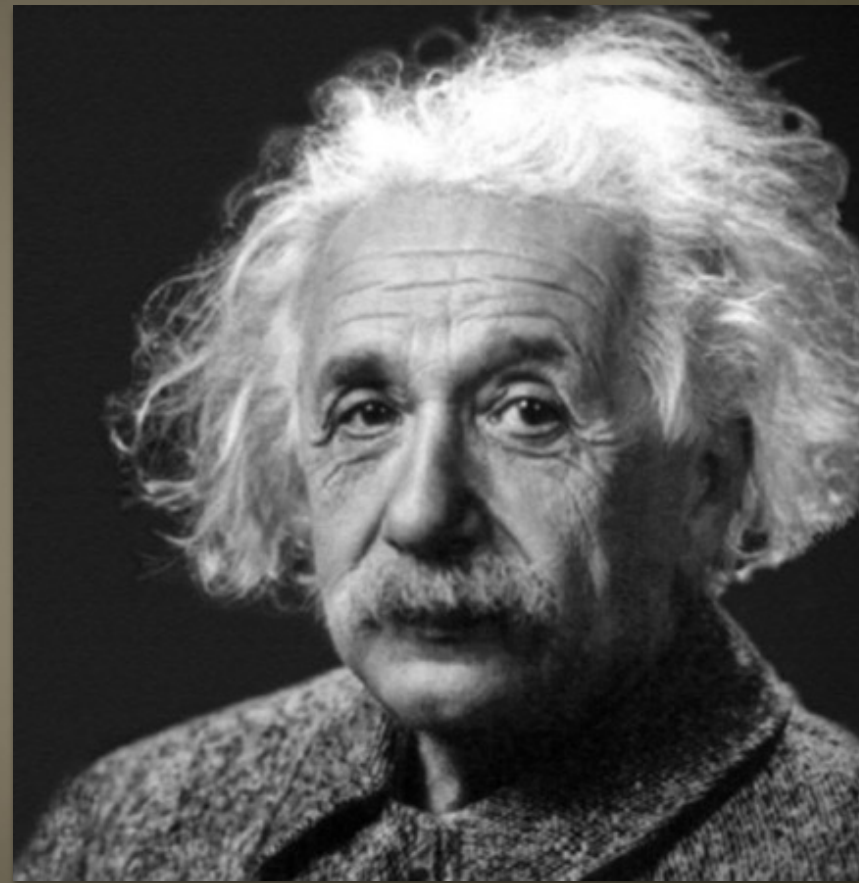
PICASSO

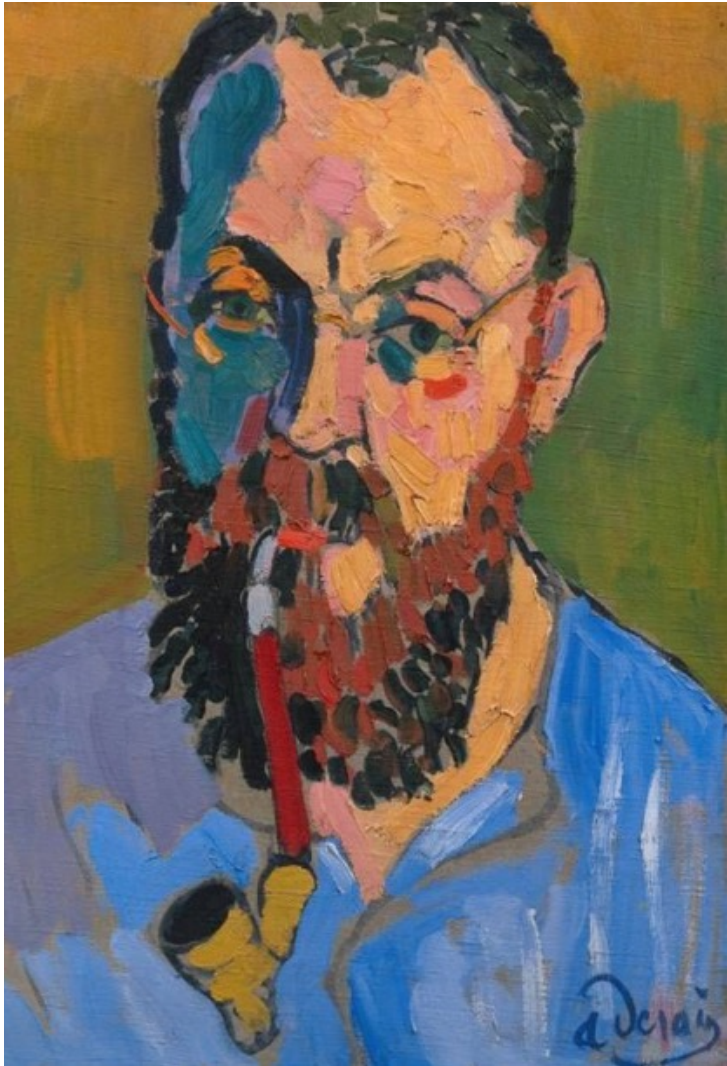
“The chief enemy of creativity is ‘good’ sense.”



WAS EINSTEIN RIGHT?

*“Creativity is intelligence having
fun.”*





HENRI MATISSE

“Creativity takes courage.”

SIR KEN ROBINSON

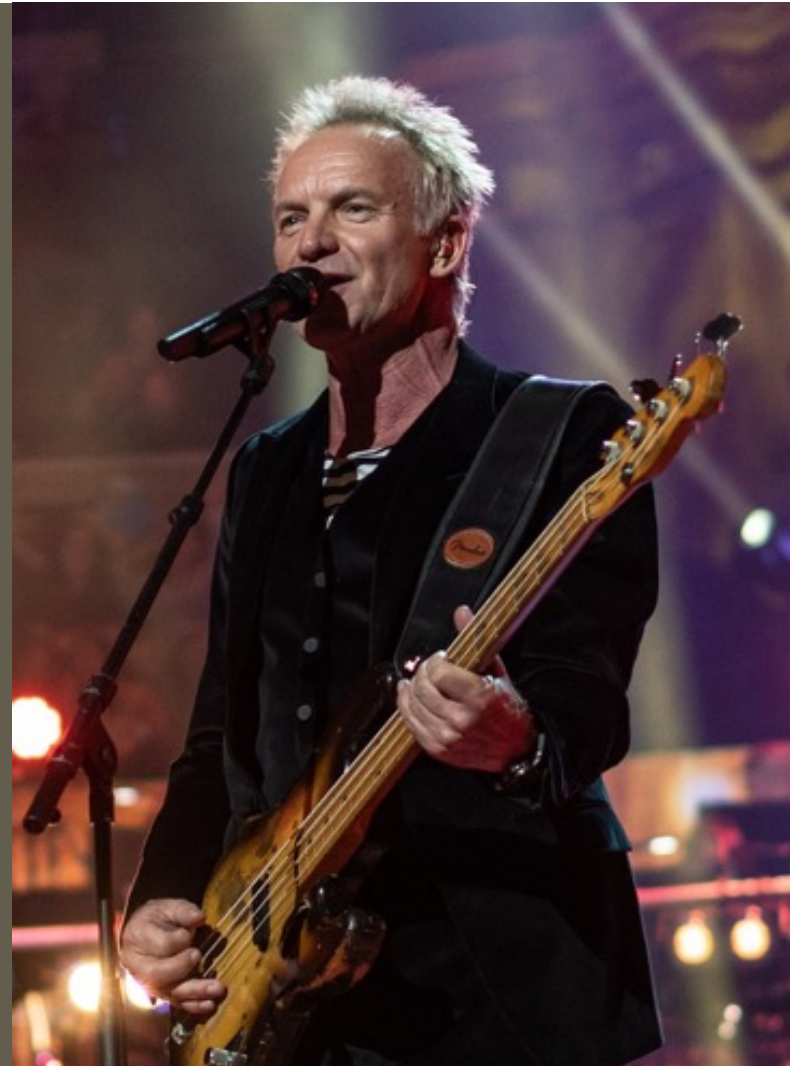
*“If you're not prepared to be **wrong**, you'll
never come up with anything original.”*



STING

“[Creativity is] the ability to take a risk. To actually put yourself on the line and risk ridicule, being pilloried, criticized, whatever. But ... you must take that risk.”

Gordon Matthew Thomas Sumner,
known as **Sting**, is an English musician and actor.





IDEATION



The whiteboard is filled with hand-drawn business diagrams. At the top, it lists 'NEWS', 'MICROBLOGS', 'SOCIAL MEDIA', and 'VIDEO'. Below these are 'COMMUNICATION', 'CHAT', and 'PICTURE'. On the left, there's a vertical list: 'EMAIL' (with an envelope icon), 'SMS' (with a mobile icon), and 'IDEA' (in a box). A lightbulb icon is next to 'IDEA'. Below 'IDEA' is a diamond with a dollar sign, leading to a box with a question mark. A central pie chart is divided into yellow, green, and red sections, with 'OUR COMPANY' and 'CAREER' written above it. To the right, a line graph shows a fluctuating trend. Further right, a cloud labeled 'INTERNET' is connected to a bar chart and a flowchart. The flowchart shows a person icon leading to 'STATISTICS' and '\$ 500,000 LAST YEAR'. Below that, it says 'QUAL STRATEGY' and 'SUCCESS'. At the bottom, 'BUSINESS' is written in a blue box, and 'TIME' is circled in yellow. A dark grey box with the word 'IDEATION' is overlaid on the bottom center of the whiteboard.

IDEATION

Ideation refers to the whole creative process of developing and communicating new ideas.



Ideation is innovative thinking, solving a problem or providing a more efficient solution.



IDEATION

*It is thinking new ideas,
developing existing ideas,
and figuring out how to put
new ideas into practice.*



IDEATION

“Artists need to put themselves in a position where their artistic concepts, language, and technique will be influenced by a biblical worldview, practical wisdom...”

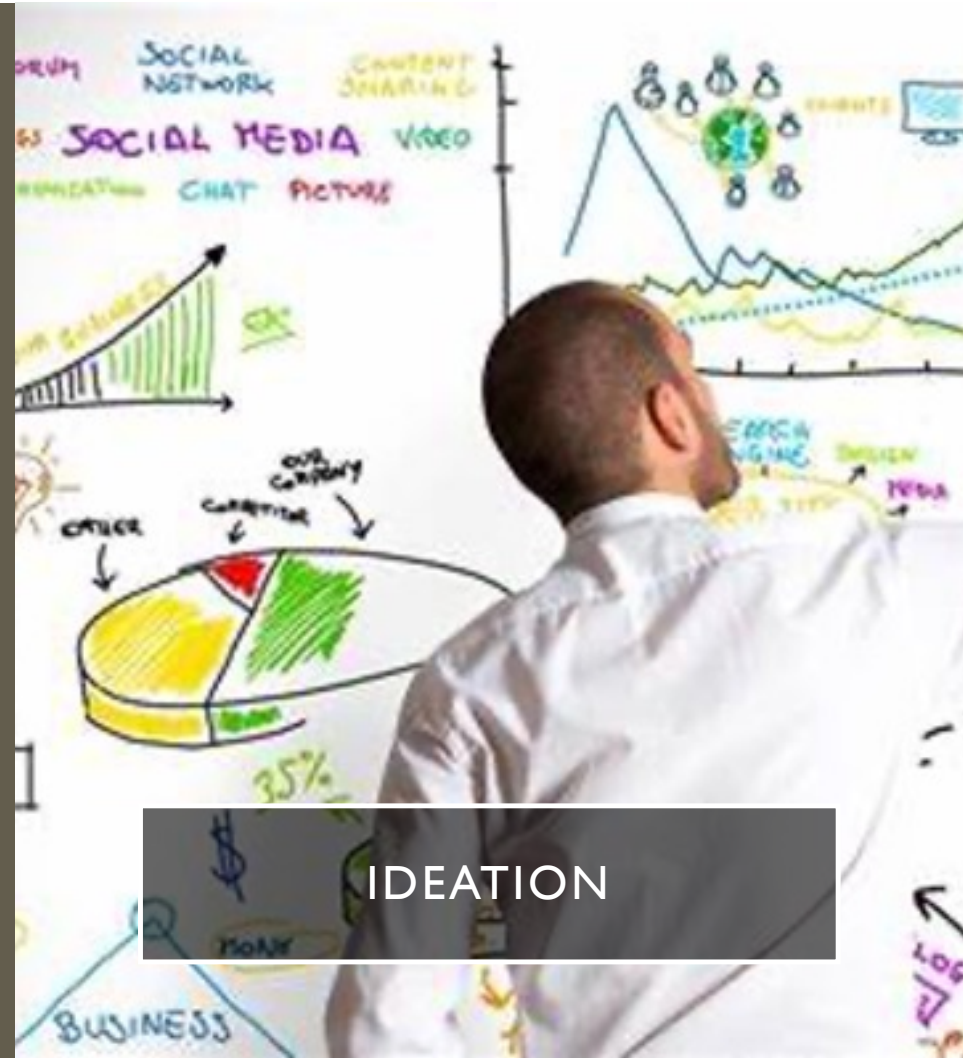
*Lausanne
Occasional Paper*

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BIBLICAL IDEATION

DISCUSSION QUESTION!

How does your art meet needs or provide helpful solutions to church and society through the lens of a biblical worldview?



IDEATION



INNOVATION

WORLD CHANGING INNOVATIONS

THE WHEEL

Because the wheel was invented before records were kept, nobody can ever know who invented the wheel.



THE CREATIVE PROCESS

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WORLD CHANGING INNOVATIONS

PRINTING PRESS

JOHANNES GUTENBERG was a German inventor and craftsman who introduced letterpress printing to Europe with his movable-type printing press.



WORLD CHANGING
INNOVATIONS

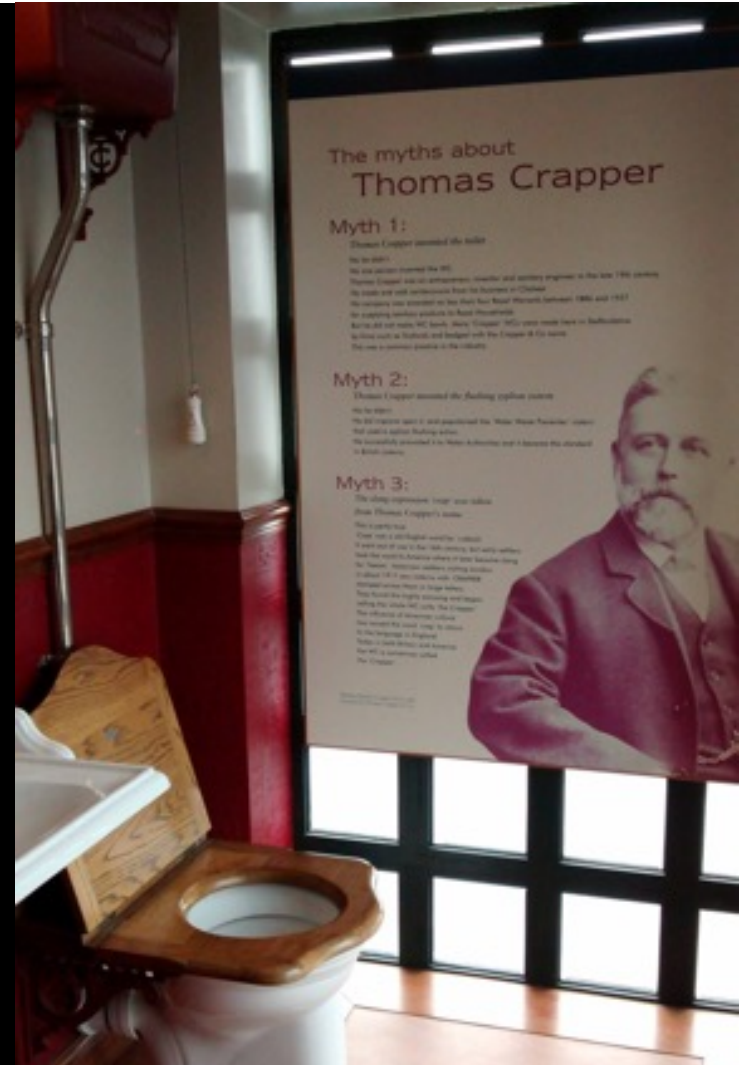
Gravity Powered Toilet



WORLD CHANGING INNOVATIONS

FLUSH TOILET

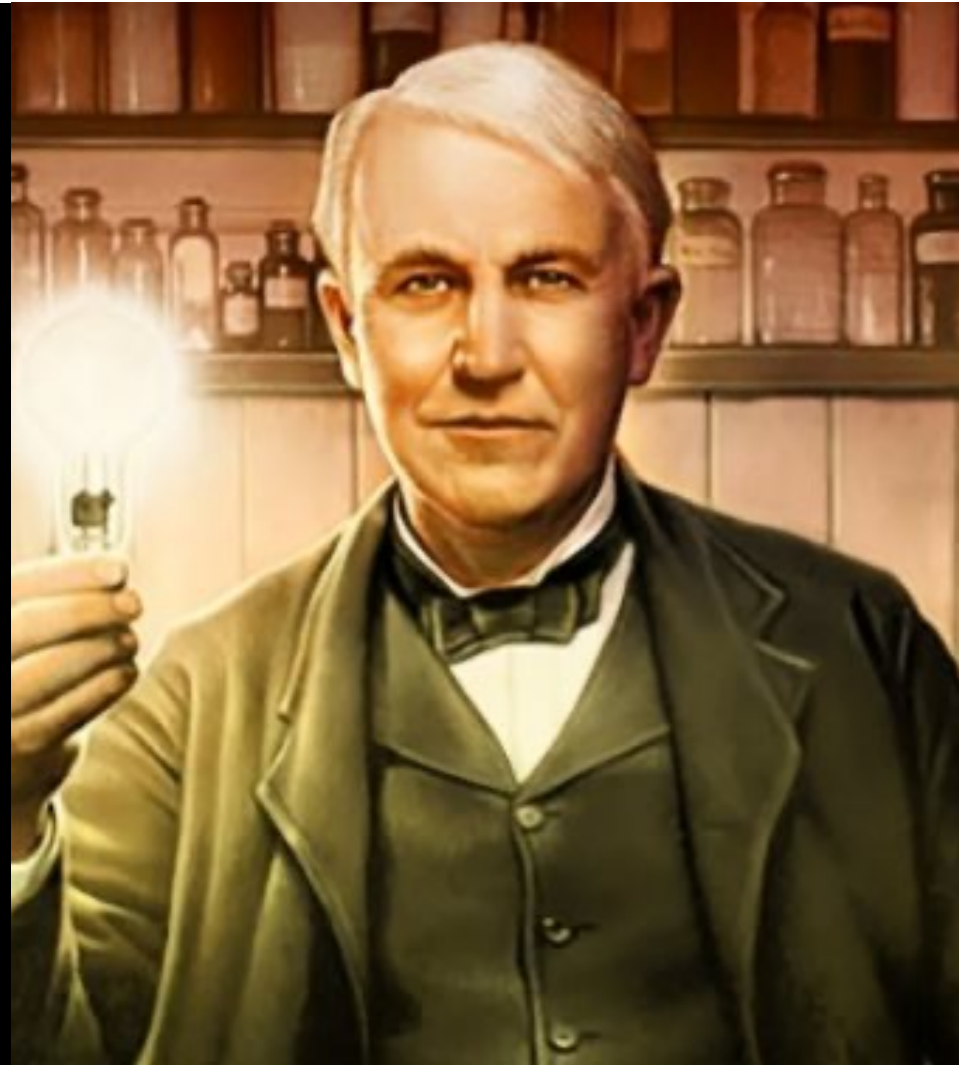
Thomas Crapper was an English plumber and businessman. He is most known for his flush toilets.



WORLD CHANGING INNOVATORS

LIGHT BULB

Thomas Alva Edison was an American inventor and businessman.



WORLD CHANGING INNOVATORS

AC Electrical Delivery System

A great inventor, engineer, and futurist, Nikola Tesla helped develop the AC electrical delivery system.



WORLD CHANGING
INNOVATIONS

Henry Ford was an
American
industrialist and
business magnate.



WORLD CHANGING
INNOVATIONS

Augusts Krastiņš.

A Latvian engineer
and inventor who
founded The Krastin
Automobile Company
in 1901, two years
before Ford.





WORLD CHANGING INNOVATIONS

Orville & Wilbur Wright invented and flew the world's first successful airplane in 1903. Their persistence, experimentation, and work on the principles of flight made them legendary inventors and innovators.



WORLD CHANGING
INNOVATIONS

MISSIONARY AVIATION

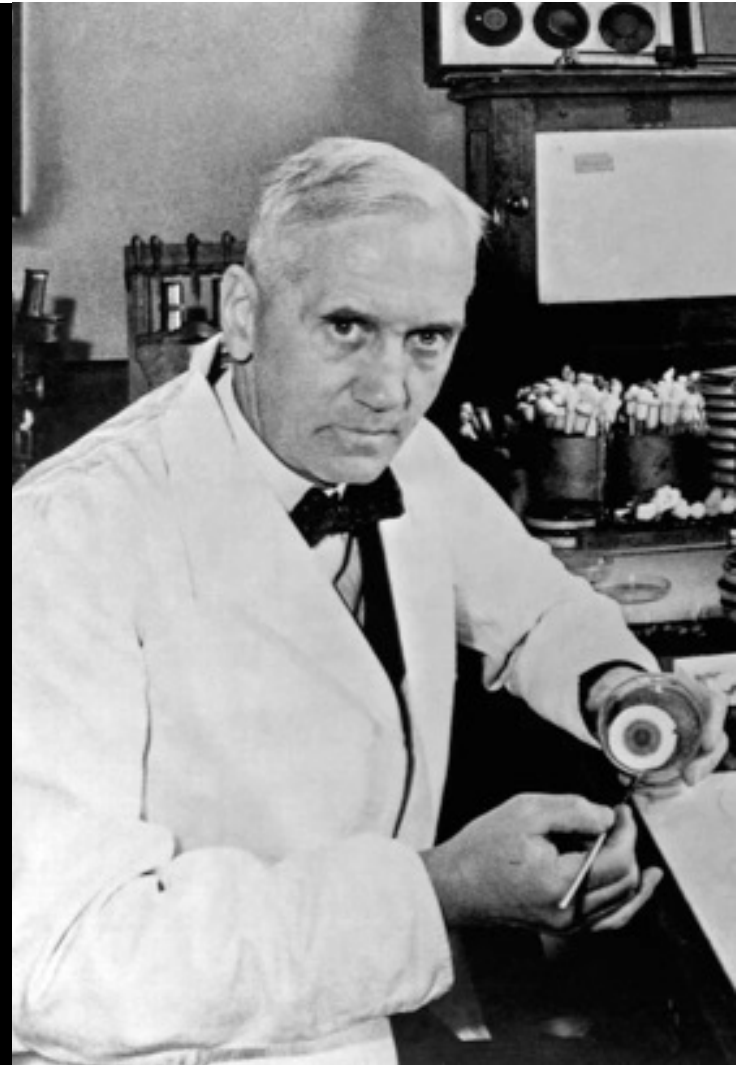
Like so many things in missions, WWII gave birth to missionary flying with MAF and JAARS.



WORLD CHANGING INNOVATIONS

PENICILLIN

Sir Alexander Fleming was a Scottish biologist and pharmacologist, who discovered Penicillin.



WORLD CHANGING INNOVATIONS

THE INTERNET

The Internet started in the 1960s as a way for government researchers to share information. Today, millions of computers around the world are connected by cables, fibre, and wireless links.



WORLD CHANGING INNOVATIONS

GPS

Yet for 40 years it was fly by rivers and natural landmarks, now it is global positioning systems and not just hours, but tens of thousands of dollars every year in fuel costs and time.



A close-up photograph of Steve Jobs, wearing his signature round glasses and a black turtleneck. He is smiling slightly and holding a white iPhone in his right hand. The background is dark. A white rectangular box is superimposed over the upper part of his face, containing the text 'STEVE JOBS'.

STEVE JOBS

*Innovation distinguishes between a leader
and a follower.*

WORLD CHANGING INNOVATORS

iPhone

Steve Jobs was American entrepreneur and founder of Apple. He will go down in history as one of the great innovators.



SIR WINSTON CHURCHILL

*Without **tradition** art is a flock
of sheep without a shepherd.*

*Without **innovation** it is a
corpse.*



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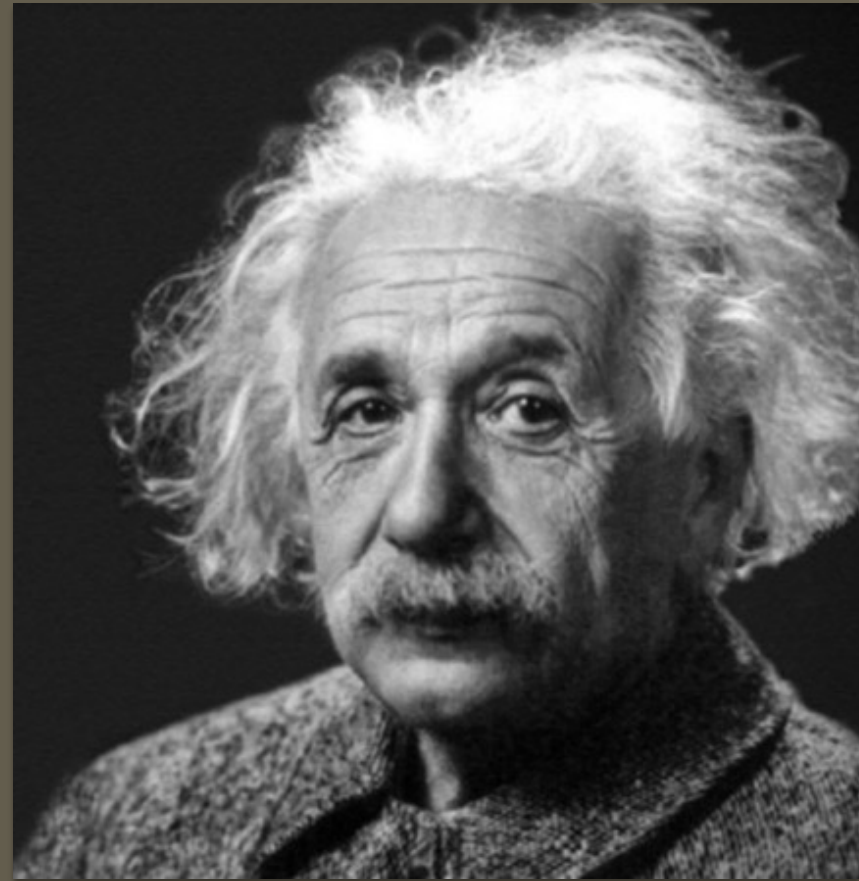
Change





QUESTION

Name some extraordinary creative believers who 'think different'.





DISCUSSION QUESTIONS!

How does your art meet needs or provide helpful solutions to church and society through the lens of a biblical worldview?



IDEATION



INSPIRED BY JOHN WESLEY

We commit to do all the good we can, by all the means we can, in all the ways we can, in all the places we can, at all the times we can, to all the people we can, as long as we ever can.