

Kick-off: The Science before Science

October 22, 2018

Agenda

- Talk about what we will try to achieve with this study group
- Introduce ourselves
- Discuss the day of the week for our meeting
- Begin discussion of the Kid's book

Question you may be asking

- The context
 - Why are we talking about physics and science?
 - Why is this important to me – someone who isn't a scientist?
 - How is it connected to my faith?
 - Can't I just rely on my faith?

Faith versus Science?

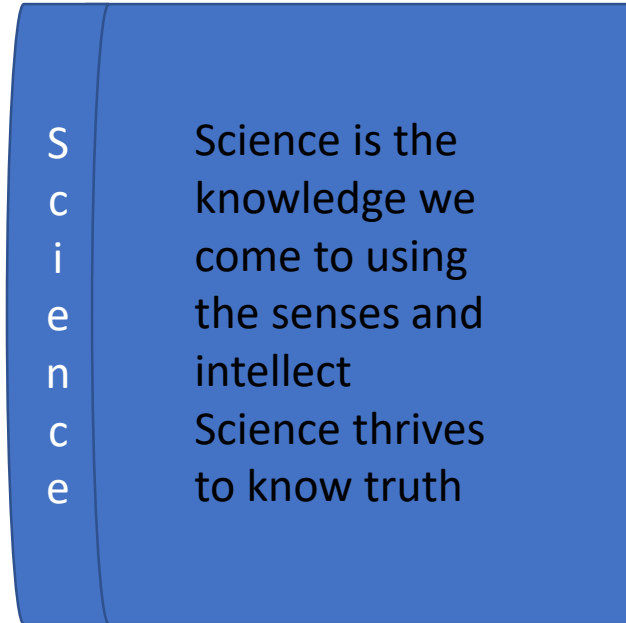
S
c
i
e
n
c
e

Science is the
knowledge we
come to using
the senses and
intellect

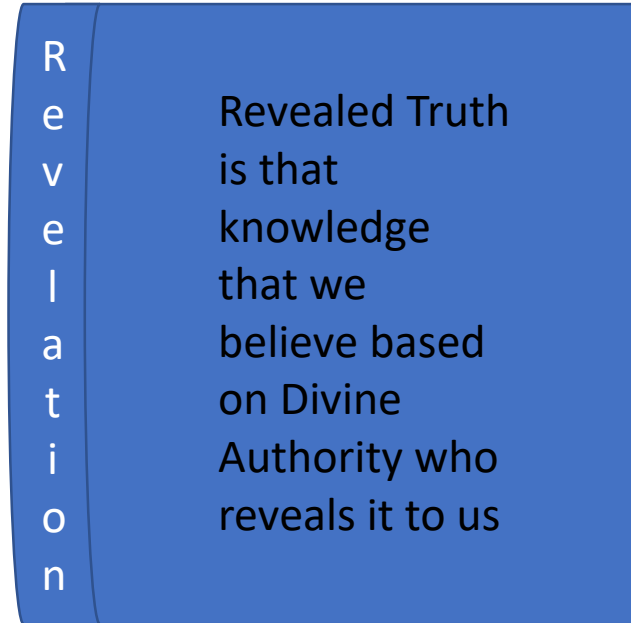
R
e
v
e
l
a
t
i
o
n

Revealed Truth
is that
knowledge
that we know
on Divine
Authority

These two books must be consistent



Knowledge that can be verified by observation, experiment and reason.



Belief

Truth is one - and so these two books cannot contradict each other

The Preamble of the Faith

**S
c
i
e
n
c
e**

Science

Physica=Physics
in Broad Sense

- Physics
- Chemistry
- Biology

Mathematics
Metaphysics

**R
e
v
e
l
a
t
i
o
n**

Revealed Truth

- Scripture
- Tradition of the Church

Preamble of the Faith*
Things found in Revealed Truth but also knowable
by science
*So-called by St. Thomas Aquinas

Preamble of the Faith

- There is a God who sustains all of creation
- Man's has a non-physical part and is the highest power that he has
- There exists a physical world
- “ The existence of God and other like truths about God, which can be known by natural reason, are not articles of faith, but are preambles to the articles; for **faith presupposes natural knowledge**, even as grace presupposes nature, and perfection supposes something that can be perfected. **Nevertheless, there is nothing to prevent a man, who cannot grasp a proof, accepting, as a matter of faith, something which in itself is capable of being scientifically known and demonstrated.**” St. Thomas Aquinas, Summa Theologiae Ia, q. 2, a. 2, ad 1.

Philosophy, Physics and Science

- Science – from the Latin – *Scientia* – *knowledge*
- Physics is *scientia*– the study of physical things
- Philosophy – literally the ‘*love of wisdom*’

- Gifts of the Holy Spirit
 - Knowledge, understanding and wisdom!
- The love of wisdom (*sapientia*)
 - Must begin with the acquiring of knowledge (*scientia*)
 - The first science is physics – the understanding of the things around us!
 - Physics is not everything – but it is necessary – how can we understand things we cannot see if we first don’t understand the things that we do see?