

# NATURE OF SCIENCE

THE STRAND AWAKENS

## The Nature of Science

Is the unifying strand of the Junior Cycle Science Specification



2016

Junior Cycle Science Specification

2003

Junior Cycle Science (revised) Syllabus



13 years later..

**Nature of Science strand**



The 2003 Science Syllabus afforded students opportunities to develop scientific knowledge, skills and attitudes through scientific inquiry

Places a strong emphasis on how Science works; carrying out investigations; communicating in science; and developing an appreciation of the role and contribution of science and scientists to society

### Have I been doing it up to now?

It is highly likely that some of the understanding, skills and values within the Learning Outcomes of the Nature of Science strand have been part of the teaching and learning going on in your classroom up to this point.

Investigation design  
Observing  
Measurement and accuracy  
Critical thinking  
Drawing and analysing graphs



Asking questions  
Being safe in the lab  
Scientific inquiry  
Scientific literacy and numeracy  
Concept development



Making predictions  
Appreciating the impact science has on our lives and environment  
Collecting & analysing data



# BUT

## REMEMBER, THE NATURE OF SCIENCE..

# IS NOT



## Something that 'just happens'

It must be planned for in..



Teaching



Learning



Assessment

**Nature of Science should be part of EVERY LESSON that you teach, rather than something that is done separate to the learning in the contextual strands**

**When it comes to bringing the Nature of Science into your lessons, it isn't 'all of it some of the time'....it is**

## SOME OF IT, ALL OF THE TIME