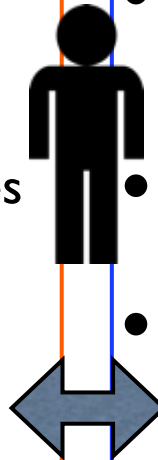


Key points of educational difference between working technologically and working scientifically.

● Working Scientifically (iAnalyse: iDiscover)

- focusses on the ethical process of gathering data about the world
- is not directly accountable for what people do with findings (though they may withhold findings)
- seeks to control the context variables
- analyses to understand the parts, (breaks reality up in bits)
- knowing is by testing one idea against an alternative (method of **idea falsification**)



● Working Technologically (iSynthesise: iDesign)

- focusses on the ethical effect of transforming the world
- is directly accountable for its designs, now & later (though they may decline to design and make the project)
- seeks to accommodate the context variables.
- synthesises to understand the whole (integrates parts to create new realities)
- Knowing is by testing/or simulating if one idea **works** against key purpose & context criteria (method of **best-fit contestation**)