The scientific endeavour

Intro:	attempt
Scientific endeavour	
Models Interactions Systems	
Models Int	eractions Systems
Diversity 1900cm	<u> </u>
1.1 What is science?	
4 Science -> study of natural phenomena	
-> human endeavour	
	* phenomena
	b on the theorems
Compare:	smith that happens rarely
- similarities	141-14
- differences	-b how to answer
Contrast / differentiate / distinguis	l
- give differences ONLY	<u> </u>
- give airrenoisees uniti	
* Fun Fact!	
4 Covid-19 vaccine X we	akened virus
→ NRNA / MR	
DNA Messenger RNA (mRNA) Protein	
Transcription Translation	
Novel RNA	
Processing V	
Telomerase RNA (A long noncoding RNA)	

1.2 What is the nature of scientific knowledge?



Variables 中交数

- 提《从性变数 > Independent variable
- · 反应性变数 Dependent variable
- · 固定性变数 Constant variable

* Hypothesis 与作文设 - STEP 3

Conducting experiments and testing

solutions - Measuring using scientific instruments

Scientific instruments: - Measuring cylinder

- Electronic balance

- Digital stopwatch

- Digital calipers

- Thermometer

Measuring units: Volume: m3 (cm3, m2)

Mass: kg (g)

Time: S (min, h)

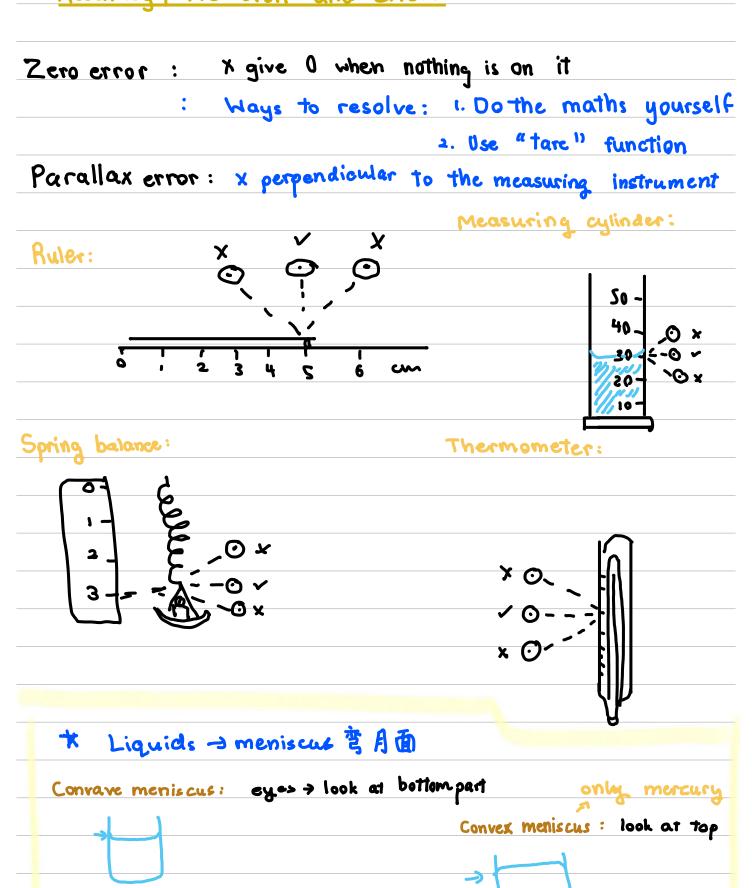
Length: m (cm, mm)

Temperature: K (°C, °F)

Standard Community

STEP 4

Conducting Experiments and testing solutions - Accuracy, Precision and errors



Data: 3 results

Accurate Precise 4 3 datas -> close · High precision · High precision · High accuracy · Low accuracy · Low precision · Low precision . Relatively high accuracy · Low accuracy

Evaluating, reasoning and communicating

Communicate through:

- ·journals
- . commercial
- · conference

1.4: What influences the w

Hazard symbols:



STEP 7

1.5: Why do we learn science?

Science - limited (x solve plastic prob)

Benefits of plastic: -> x break easily

- -> convenient
- light
- -> cheap

