## Notes on E-STEM for my classroom...

## **Earth's 4 Main Systems** interaction of parts, boundaries, flow

Atmosphere	Biosphere
Geosphere	Hydrosphere





## The Scientific Method

Process, Attempts to be linear, Repetition increases reliability of results, Skeptical

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Problem question →

Hypothesis →

Test it with an

Experiment →

Record Data→

Find patterns

Analysis →

Conclusion

Holds true?

Not hold true? → Repeat

Inconclusive?
```

## **Engineering Design**

Process then product, Embeds the scientific method, Iterations improve goal





