



07. Caoutchouc

OPPOSITION

Greece - Anatolia
Evangelos Skiadas

Hellenic Physical Society - Saint Petersburg 2020

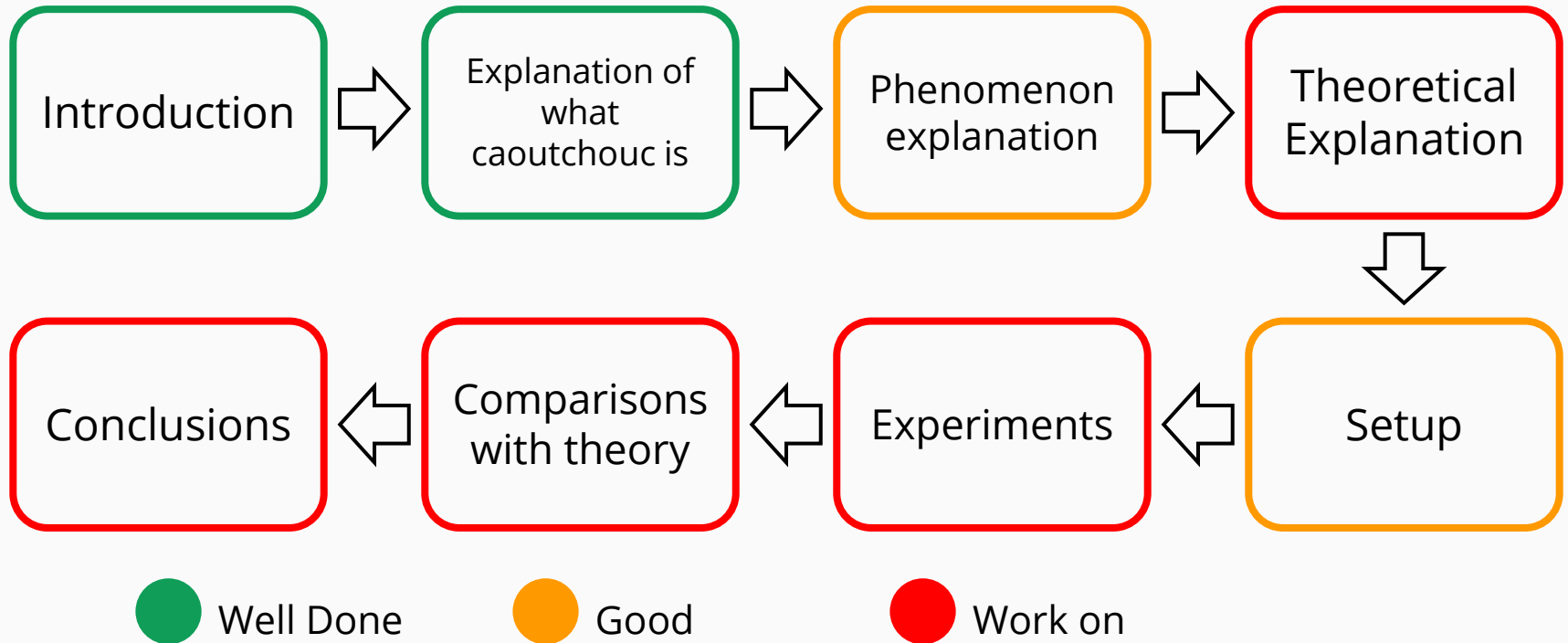


Problem to be investigated

Milky latex is present not only in commercially cultivated rubber trees, but even in houseplants such as spurge or ficus. Produce natural rubber from plants of your choice and investigate the physical and chemical properties of the rubber.



Outline





Theory

- + Mentioned the uses of rubber.
- Useless theory about synthetic caoutchouc
- Did not mention from what plants Latex can be extracted from.
- Did not mention the factors affecting Latex extraction.
- Too vague theory
- Wikipedia was one of her sources (not reliable source)



Experiment

- + Showed photos/videos of the experiment
- Tested all the parameters
- Didn't show photos of the setup
- Used only one plant
- Used bought/ manufactured rubber.
- Did not have clear and well explained conclusions
- Didn't say where he/she got the Latex from
- Didn't analyze the results enough
- Didn't acknowledge the effect of temperature in his experiment
- + Had hypotheses
- Had only one hypothesis
- Room temperature was not stable
- Did not show how he tested the properties
- Created latex only from ficus



**End of
presentation**