

## Topics for articles

Write an article on any one of the topics – two students will collaborate on each topic. Choose your partner. Not all topics will be familiar to you – some topics will require more effort than others. Take it as a challenge. You do not need to become an expert on the topic, but need to write something at a level so that you and your friends can learn something about the topic. The middle column gives some hints about what to include in the article. Topic is not the title.

First come first served – if a topic has been chosen by two people, it is closed.

Each article should be 500 - 700 words long and may include one or more figures – only if they help in understanding some point made in the article. There should be 5-8 references (excluding Wikipedia or other web resources), more than half from journal articles, cited at appropriate places.

Grade will depend on grammar, readability, and generally on how much effort you can be perceived to have put in. Both partners will get the same grade on the written article. There may be a presentation also, then each person will get independent grades.

Ask if you need any clarification.

	<b>Topic</b>	<b>Should include</b>	<b>Students</b>
1	Science of Vera Rubin	Specific works, and whether due credit was received	
2	Science of Bibha Chowdhury	Same as above	
3	Science of Chien-Shiung Wu	Same as above	
4	Science of Jocelyn Bell	Same as above	
5	Science of Rosalind Franklin	Same as above	
6	Science of Cecelia Payne	Same as above	
7	Science of E.C.G. Sudarshan	Same as above	
8	Science of M.N. Saha	Same as above	
9	Science of J.C. Bose	Same as above	
10	Science of Lise Meitner	Same as above	
11	Genetics and population migration studies	Biology, statistics, and ways of validation of conclusions	
12	Intelligence testing and genetics	Methods, statistical analysis, arguments	

13	Genetics as a basis of racial superiority	Claims, statistics, counterarguments	
14	Global warming	Statistical and other evidence, counterarguments	
15	Greenhouse gases -- I	Discovery and production	
16	Greenhouse gases -- II	Reduction and elimination	
17	Other causes of GH effect	Discovery, countermeasures	
18	Emergent phenomena	Idea with multiple examples	
19	Chaos in climate science	How it appears, and how predictions are made	