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The topic is about “The strengths and weaknesses of astronomy in the curricula and some suggestions that

- can be implemented to advance astronomy “

Strengths :-

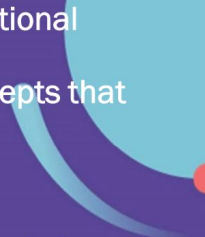
- The student learns about celestial bodies and then learns about our planet Earth ,in the first year of middle school (second term).
- In the second year of middle school (first term), The student learns about the different layers of the atmosphere and the phenomena associated with each layer .
- The student is introduced to the theory of the creation of the universe and the theories of the formation of the solar system, in the third year of middle school (first term).
- The student learns the responsibility towards the resistances of life and save it.
- Identifying climate problems and their direct impact on life.
- Learn about the solar system planet Earth, the resistances of life that characterize the Earth without it, and some astronomical phenomena and explanation their occurrence.

Weaknesses :-

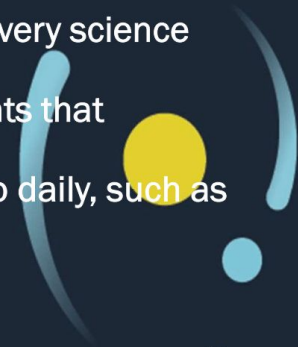
- The weight of astronomy curricula on the student during the educational process.
- Unavailability of teaching aids, such as planetariums and scientific museums augmented reality technologies (simulation).
- Unavailability of real cultural awareness in society of the importance of many sciences.
- Society's feeling that there is no direct financial return from these sciences.
- There are some misconceptions to many of those involved in the educational process.

Suggestions :-

- Providing scientific museums for universities and institutes for visitor, which will make the educational process more interesting for students and have many benefits as well, such as informing the student of the stages of development of science and technologies.

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- Increasing cooperation between scientific research institution and educational institutions to assist those in charge of education to acquire correct concepts that develop from time to time with the development of research.
 - The symmetrical distribution of the curriculum for astronomy will make the information continuous with the student and simple and not burdensome.
 - Good marketing of astronomy is like many sciences like engineering and medicine, because there are many technologies that society enjoys without feeling that science and who work with it.
 - Providing visual aids such as virtual reality techniques and videos, planetariums, which are provided by many developed countries to assist the educational process.

- “What will we benefit from studying astronomy?” A question asked to every science teacher. This question can be answered by mentioning the achievements that astronomy contributes to, which facilitate many of the operations we do daily, such as using GPS, various communication and broadcast networks.



I think through the foregoing, we will have a cultural awareness among the community and parents, a good educational material, a student eager to learn, and a teacher we trust in his abilities to complete the educational process successfully, and thus country will become more prosperous.

Finally, I would like to thank the members of the Astronomy Education
Office of the International Astronomical Union,
as well as the members of the Astronomy Education Center in Egypt.