



“Study the science of art. Study the art of science. Develop your senses — especially learn how to see. Realize that everything connects to everything else.”

A polymath is a person who has a wide range knowledge of learning.

They bring the best of what humanity has discovered from across fields to help them be more effective in their core field.

Some of the most famous Scientists were Polymaths:

- Leonardo Da Vinci
- Charles Darwin
- Isaac Newton
- Galileo Galilei



WHY SHOULD YOUNG PEOPLE BE POLYMATHS

Young people should be polymaths because no one can predict the future.

As traditional fields of study continue to grow, it is unavoidable that we will start to see the formation of new disciplines.

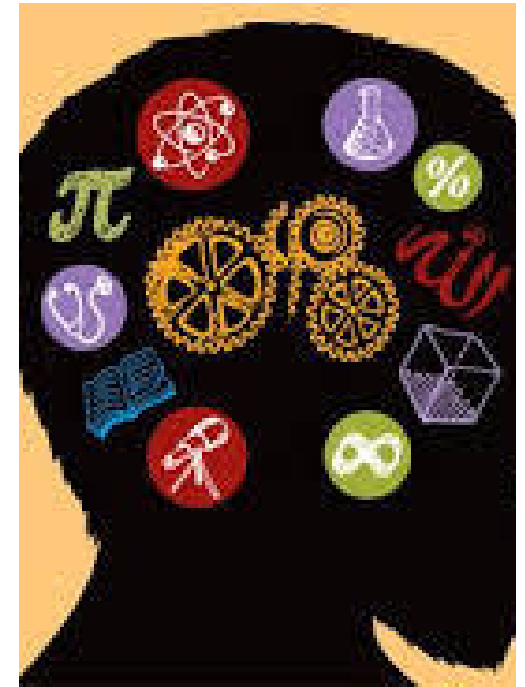
Young people need to be ready to take on that challenge.

They need to get ready for the future.

There is a Polymath school that teaches content drawn from several disciplines to young people that connect with real life experiences.

Skills such as critical thinking, creativity and problem solving are needed in the 21st century

THE POLYMATH IN THE FUTURE



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Biology: Culminating Project



WHY STUDY SCIENCE

The Scientific Method develops thinking skills.

- Seeing the relationship between evidence and theory helps with critical thinking skills, which can be applied to other disciplines.

Science opens the doors to other disciplines.

- Learning Science helps develop Math skills. Studying how things are to what they use to be in Science develops history skills.

Science prepares us for the future.

- Science is the basis for life. Agricultural science dictates how food is produced. Biomedical health keeps us healthy. Physics helps us go from place to place. We must live and breathe Science.



WILSON'S MESSAGE TO YOUNG PEOPLE

"In time, all of science will come to be a continuum of description, an explanation of networks, of principles and laws. That's why you need not just be training in one specialty but also acquire breadth of other fields related to and even distant from your own initial choice."

He says that the search for knowledge is in our genes, put there by our ancestors. To understand it, will require a vastly population of scientifically trained people like our young people.

WORKS CITED

Hoeller, Chris. "Polymath: Jack of All Trades, Master of Insight." *Backwards Time Machine*, 28 Jan. 2014, backwardstimemachine.wordpress.com/2012/11/11/polymath-jack-of-all-trades-master-of-insight/.

Lorenzi, Rossella. "How Leonardo Da Vinci's Surprising Family Roots May Have Influenced His Work." *Biography.com*, A&E Networks Television, 22 June 2019, www.biography.com/news/leonardo-da-vinci-genealogy.

"Polymath School: School in Bhiwandi: Top School in Bhiwandi." *PolyMath*, www.polymath.edu.in/curriculum/. *YouTube*, YouTube, www.youtube.com/watch?time_ =1&v=lzPcu0-ETTU&feature=emb_ logo.