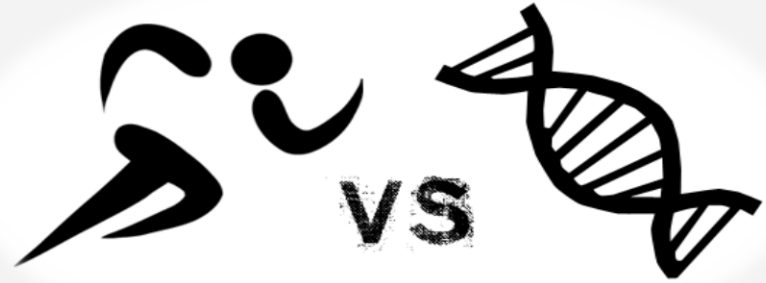
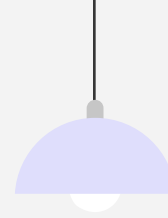


Talent vs Hardwork



CONTENT

WHAT IS TALENT ?

WHAT IS HARDWRK ?

TALENT IN THE SCIENTIFIC FEILDS

DOES AN INDUSTRIAL ENGINEER NEED
TALENT

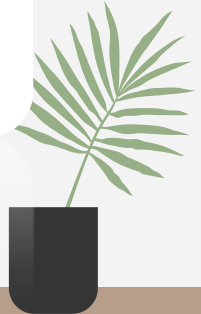
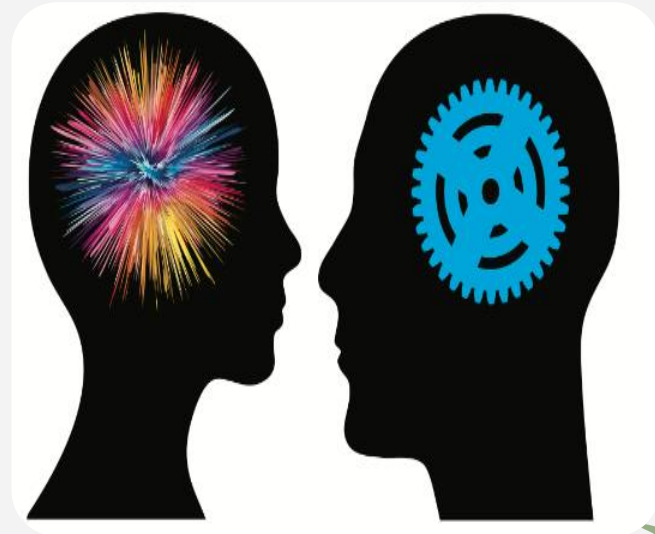


DEFINITION OF TALENT



Talent is often thought of as the kind of exceptional innate and natural ability that comes without training which means something that you're born with (god given) . It is often contrasted with skill , which is an ability acquired and developed and improved through practice (you have to work for it) . We can easily say that the person who is gifted with a talent is a fortunate person .

Talent gives a head start and a push forward and makes achieving goals easier and faster .

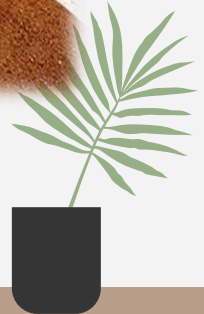


DEFINITION OF HARDWORK



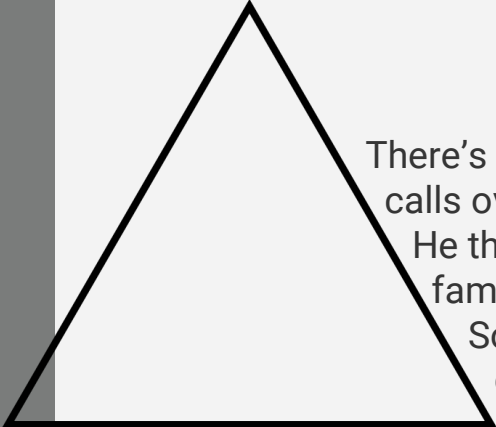
Everyone has a slightly different opinion of what it means to work hard. However, at the core of working hard are several universal principles . Working hard is going above and beyond your usual effort (putting great deal of effort into the work) to achieve a higher level of success. It's being focused, consistent and staying motivated to produce quality results. It means using your physical, emotional and mental abilities to be purposeful in your actions by putting for example extra hours

and from childhood, we're told that if we work hard, we'll succeed .





TALENT IN THE SCIENTIFIC FEILDS



There's a really old story about Socrates sitting with one of his students. Socrates calls over a "barbarian" boy, and draws a right triangle in the sand.

He then asks the boy a few leading questions, and the boy ends up deriving the famous Pythagorean theorem, $a^2 + b^2 = c^2$.

Socrates then tells his student that even a "barbarian" lacking any classical education whatsoever can still use logic and observation to come across the truth.

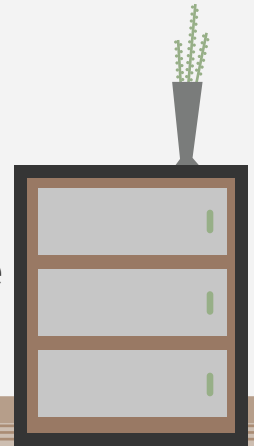
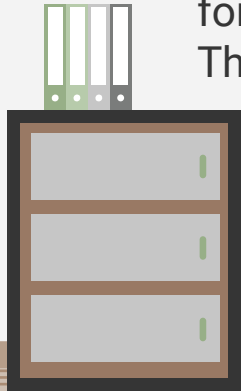
Which leads to believe that science is observation. People see events, make notes of it, and continue on. Which means anyone can have the talent to observe and the talent to do science without the need of education.

DOES AN INDUSTRIAL ENGINEER NEED TALENT

Exceptional scientists of tomorrow are the ones who will bring us creative solutions for our world that are resourceful, and inventive regarding their research questions and need to understand their field and research methods, but also need to know how to teach, how to catalog, how to fill out proposal forms, and much more.

They certainly must have an extraordinary interest in finding new ideas and developing new approaches and hence are investigative.

But where is the talent in all of that , it is the ability to solve difficult problems with elegant solutions. In other words, creativity. It is that artistic touch such as in designs .



DISCUSSION

Are good engineers born or bred?
“nature versus nurture”

