**Vinci’s finest: A look into Leonardo’s influence**

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“I have been impressed with the urgency of doing. Knowing is not enough; we must apply. Being willing is not enough; we must do.” These were words uttered by the great and vastly-talented Leonardo da Vinci, a man who was not just born into the age of rebirth, but became one of the key factors of the Renaissance (refspace). It is apparent that his strive and the center for his being became focused around, not only being knowledgeable, but being able to apply that learned information and create. Born on the 15th of April, 1452 in the city of Vinci, Leonardo was destined to become one of the greatest, and arguably the best, “Renaissance Man” that the world has known (Bio). Through his life, he accomplished many things of great variety, a greater amount than most men dream to achieve, and due to his vastly diverse range of talents, he helped shape and mold the time of the Renaissance into one of the greatest peaks of human history (BBC). Leonardo da Vinci was truly a great Renaissance Man, shown apparent in his abilities in such skills as mathematics, art, music, literature and so much more (MOSB). Because of his great and influential touch that either molded or bettered some of the most intricate and amazing designs and technological samples we have today, it is undeniable that if he did not exist, the world today would be a very different place. Da Vinci was one of the backbones of the Renaissance, and humans today would not be as technologically advanced if he did not exist due to lack of or a slowed process of the advancement of certain inventions, concepts, and understandings that were heavily influenced or created by Leonardo that now play a heavy role in all roles of humans advancement, such as medicine, warfare, and concepts of art.

Before the Renaissance, during the medieval ages, human understandings in many fields were very lacking, one of these fields being art. Leonardo da Vinci did possess a natural artistic talent, like many people in the world have and do, but his talent and work became such big influences because of the concepts that made his art seem so realistic and lifelike. Unlike the Middle Ages, the art of the Renaissance boasted of new artistic factors, such as depth and layers. Da Vinci was one of the painters that helped shape and understand these concepts (ABC-CLIO).. One of the reasons as to why Da Vinci’s art pieces were and still are so acclaimed is because of his heavily understood concept of depth and his multitude of layering. One of the few artists, during his time, to master the “vanishing point” a concept used to give a three-dimensional look to a two-dimensional frame, and use the technique of layering to change the perspective of the painting from that of a flat image, similar to how art of the Middle Ages resulted in, to that of an image of depth and life (davincilife). Paired along with his medical knowledge, Leonardo he was able to produce amazing pieces of art, such as ‘The Last Supper’ and ‘Mona Lisa’ (The drawings of Leonardo), because he saw no division of art and science and thus was able to see and understand the tiniest details found in everyday life. Da Vinci truly did help the art world through perfecting and discovering concepts and techniques that modern artists now live by, and without this artistic knowledge that Leonardo has provided to the modern day world, human art would be very lacking and less developed than it is today, many of the pieces lacking a certain depth that people now understand due to his contribution.

Da Vinci was definitely a man of many talents, not only producing beautiful art and changing the way modern art is made and the concepts and techniques behind it, he was also very influential factor in the advancements of current human medicine. His understanding of the human muscle and bone structure, as well as internal organs, shown through his sketches, were years beyond their time, even now considered strikingly accurate (the drawings of Leonardo da Vinci). This knowledge that he produced for the world helped the medicine world because it allowed other scientists and doctors to better examine the functions of the humans body and their patients normality by using his sketches as sort of comparison or references point. His sketches were also used to understand the connectivity of certain parts in the human body, allowing those who practiced medicine to better their knowledge in the human structure, thus allowing them the bettered ability to help treat their patients (Lenardo’s notebooks). Through what he discovered and improved upon, the current medical advancements are by far greater than they would have been if daVinci had never existed, causing him to never realize the medical discoveries that acted as a foundation for the world’s current medical knowledge.

The world is crafted by ideas and discoveries, but is also shaped by war and the outcome. Although not known to many people, many of the current technologies, that are now known to humans, evolved from an initial idea or design crafted by Leonardo, many played a significant role in past influential wars and even today are heavy influencers on current events and actions of countries (DaVinci). So it is assured to say that without Leonardo’s initial idea or perfected touch on certain designs and inventions, the world would be a changed place and the outcome of certain events may have been very different, changing the pace of human advancements. Certain inventions that were influenced by da Vinci that play a heavy role in modern warfare include the machine gun, the submarine, the parachute, and even the airplane (UCMP). Many of these inventions allow a new perspective and technique on modern warfare, military, and defense, such as the submarine and the role it played in both World Wars. Many of these inventions now allow humans to go to places never before discovered, countries to conquer and defend themselves in a new way, and even the everyday human to live more comfortably. Through his amazing inventions, Leonardo da Vinci allowed a new outlook on the world, and without his influence, human technology would be very lacking, many advancements that are currently considered at a peak of progression would still be under-developed, causing the world a lack of a certain level of culture, knowledge, and harmony achieved only through advanced technologies.

An obvious “Renaissance Man”, a lack of da Vinci’s influence and existence would have resulted in a less advanced modern world, in many fields such as art, medicine, and warfare Showing that da Vinci did play a large role in the basis of modern technologies of different areas, due to the concepts and knowledge that he provided that has become the foundation and helped shape the modern world into the advanced point it is at currently. It is apparent that da Vinci helped in many fields, some of the more significant being the art world, the medical world, and the world of warfare. Through his techniques and concepts that he perfected, artists today are allowed to better understand depth, layering, and the three-dimensional illusion, resulting in a turning point in the art world (davincilife). Without his works and discoveries in medicine that he provided for the world, many significant events and breakthroughs in history would cease to have happened, or at the very least, be delayed, due to a lack of or slowed advancement in technology, causing the world today to be very different and lacking (Bio). Many of the inventions he created helped play a key role in certain outcomes of significant events, such as the World Wars, and without said inventions, those outcomes would be very different, shifting the current powers and ultimately changing how the world functioned at this point in time (BBC). Da Vinci was born just a simple talent, touched with an amazing skill-set, and through this gift was able to achieve knowledge and understanding which has an d still is helping human advancements through history.