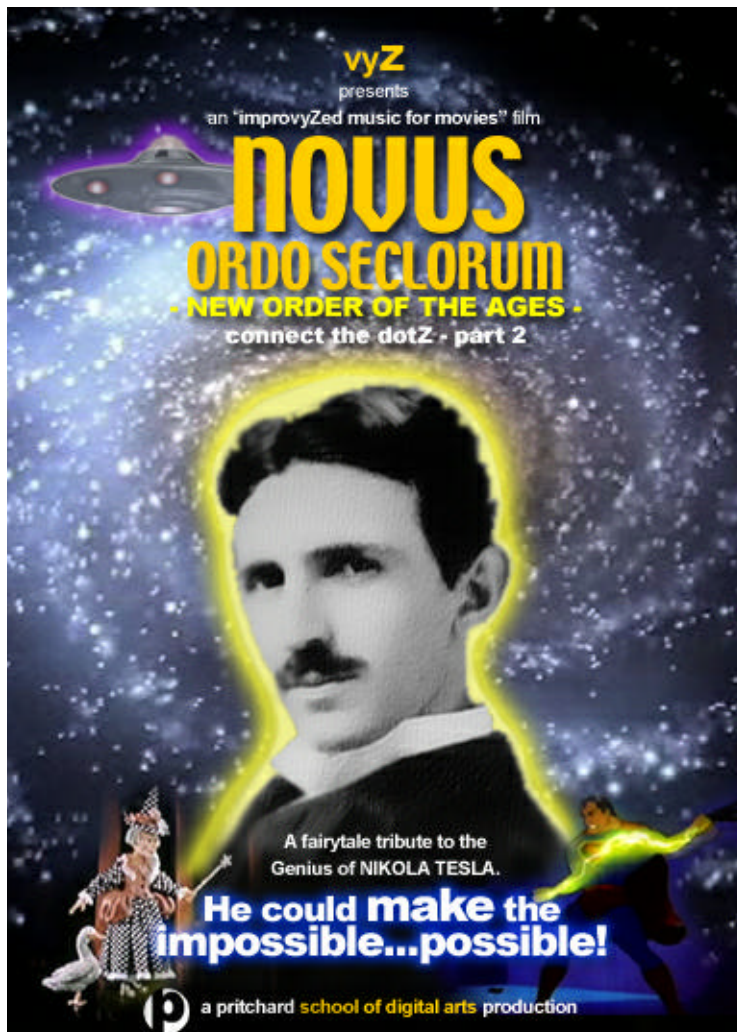




STUDY GUIDE



STUDY GUIDE SECTIONS

1. **Tesla & Electro-Magnetic Energy**

Worksheet 1 - Research

2. **Tesla's Flying Machine**

Worksheet 2 - Analysis

3. **Connect the Dots**

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Tesla and Imagination

NOVUS ORDO SECLORUM New Order of the Ages connect the DotZ - part 2

A Fairytale Tribute to the Genius of Nikola Tesla

*He could make the
impossible...possible!*

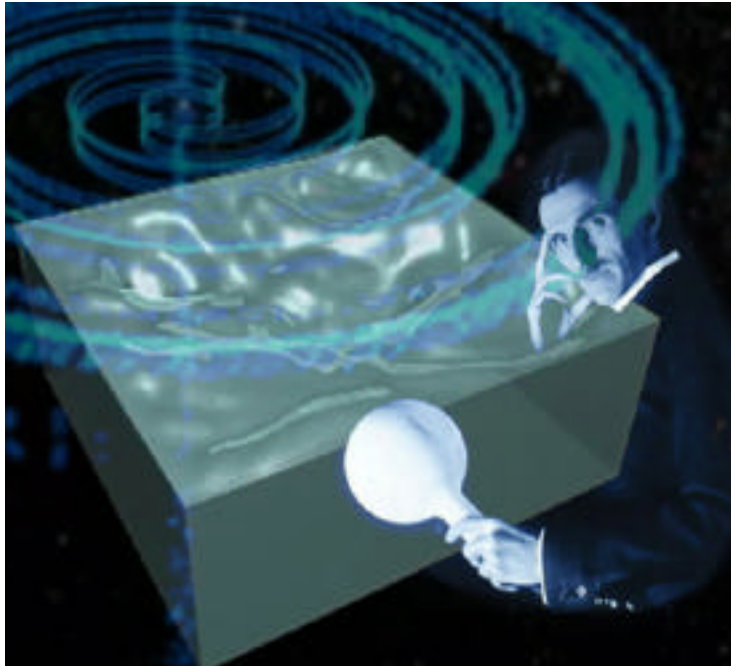
Meet one of the world's greatest inventors: Nikola Tesla. Tesla was amazing. He was the world's most famous man at the turn of the 20th century. His best friend was Mark Twain. He is the forgotten electrical genius of our modern Space Age.

“NOVUS ORDO SECLORUM” is an innovative movie that celebrates the genius and creativity within every human being. Tesla was a man ahead of his time who made many discoveries and inventions that are just beginning to come to the surface today. His most secret and controversial invention is the subject of this film: the flying saucer.

This STUDY GUIDE is designed to build on the themes and information contained within the movie and provide a structure for research, analysis and synthesis of concepts and opinions.



1. TESLA & ELECTRO-MAGENTIC ENERGY



RADIANT ENERGY (excerpt from an article by Ken Adachi)

<http://educate-yourself.org/fe/radiantenergystory.shtml>

In the later quarter of the 19th century, Tesla was alone in his opposition to the fundamental views of the nature of electrical forces as described by three of the biggest names in electric science: James Clerk Maxwell, Herman Von Helmholtz, and Heinrich Hertz. Tesla possessed a broader vision of the cosmos because his keen sense of awareness and especially his natural intuitive insights gave him a deeper understanding of the role that the ether (or aether) played in the manifestations of all electrical phenomena while his contemporaries focused their attention exclusively on the electromagnetic component (assuming that no other component could be involved). This lack of etheric insight by his contemporaries (with the exception of Sir William Crookes) and the heated controversy that the mere mention of the ether had engendered was to cause Tesla ridicule and sarcasm from men of inferior intellect for decades.

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“See the excitement coming!”

These were the words that Tesla used at the end of his pivotal 1892 December lecture, “The Dissipation of Electricity”. He was brimming over with buoyancy and optimism for the future. In the 1890's, Tesla conducted a large number of experiments which confirmed his theory and refined his understanding of the special conditions required for Radiant energy to express itself. He later expanded his New York work with the large scale experimental trials conducted at Colorado Springs, Colorado in 1899. Tesla, the humanitarian, wanted more than anything to share this enormous discovery with his fellow man. Tesla spoke of practical applications of radiant energy that were so wide reaching that they could have created a profound and immense leap into the future for all of mankind in practically every sector of daily life.

But powerful barons of industry, chiefly in the person of John Pierpont Morgan, colluded to deny him the financial backing he needed and in doing so, effectively denied mankind one of Nature's most abundant and inexhaustible gifts of free energy.

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Name: _____



Date: _____

WORKSHEET 1 - RESEARCH

DISCOVER THE FACTS ABOUT TESLA & ELECTRO-MAGNETIC ENERGY

Answer the following questions using google.com. On the back of this page, create a diagram of the electro-magnetic spectrum by combining your answers below.

What kind of energy did Tesla discover in 1889?	
What did the Tesla Magnifying Transmitter transmit?	
What is a radio wave?	
What is a micro-wave?	
What is infra-red light?	
What is “visible light”?	
What is ultraviolet light?	
What are X-rays?	
What are gamma rays?	



2. TESLA'S FLYING MACHINE



It can remain absolutely stationary in the air, even in a wind, for great length of time. Its lifting power will not depend upon any such delicate devices as the bird has to employ, but upon positive mechanical action.”

“You will get stability through gyroscopes?” I asked. “Through gyroscopic action of my engine, assisted by some devices I am not yet prepared to talk about,” he replied.

Tesla's New Monarch of Machines

Excerpt from the New York Herald Tribune Oct. 15, 1911

“Twenty years ago I believed that I would be the first man to fly; that I was on the track of accomplishing what no one else was anywhere near reaching... “The flying machine of the future—my flying machine—will be heavier than air, but it will not be an aeroplane. It will have no wings. It will be substantial, solid, stable. You cannot have a stable airplane. The gyroscope can never be successfully applied to the airplane, for it would give a stability that would result in the machine being torn to pieces by the wind, just as the unprotected aeroplane on the ground is torn to pieces by a high wind.

“My flying machine will have neither wings nor propellers. You might see it on the ground and you would never guess that it was a flying machine. Yet it will be able to move at will through the air in any direction with perfect safety, higher speeds than have yet been reached, regardless of weather and oblivious of “holes in the air” or downward currents. It will ascend in such currents if desired.

“Powerful air currents that may be deflected at will, if produced by engines and compressors sufficiently light and powerful, might lift a heavy body off the ground and propel it through the air,” I ventured, wondering if I had grasped the inventor's secret.

Dr. Tesla smiled an inscrutable smile.

“All I have to say on that point is that my airship will have neither gas bag, wings nor propellers,” he said. “It is the child of my dreams, the product of years of intense and painful toil and research. I am not going to talk about it any further.

Read articles written by Tesla himself at:

<http://www.tfcbooks.com/tesla/contents.htm>

Name: _____



Date: _____

WORKSHEET 2 - ANALYSIS

ANALYZE HOW TESLA'S FLYING MACHINE IS POSSIBLE AND IMPOSSIBLE

List your reasons and examples under each category. Use the back of this sheet if you need more room.

POSSIBLE

IMPOSSIBLE

Reason#1 _____

Reason#1 _____

Example _____

Example _____

Reason#2 _____

Reason#2 _____

Example _____

Example _____

Reason#3 _____

Reason#3 _____

Example _____

Example _____



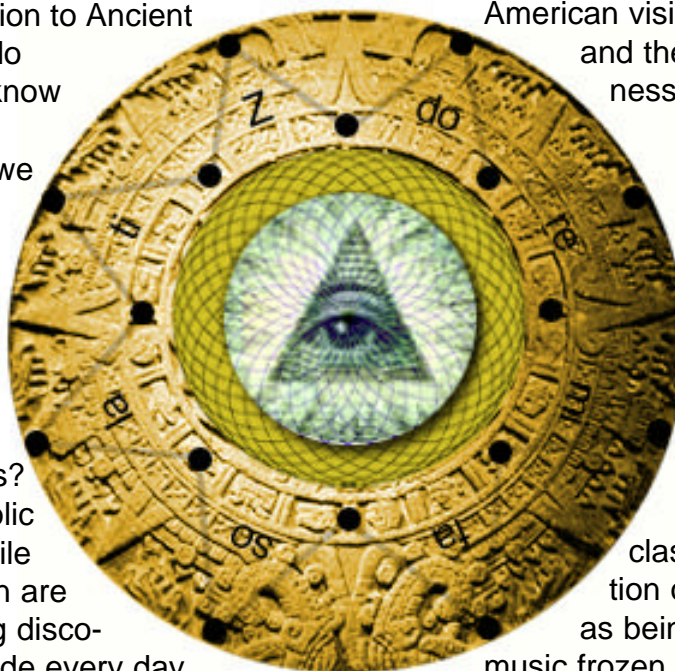
3. CONNECT THE DOTS

The "Connect The DotZ" film series is about seeing the big picture of Life and the Universe... Tuning into our natural desire to love, instead of hate. It is about connecting the dots in the past to learn in the present... it is about understanding the cycles of time, the mystery of music, and the infinite energy of the cosmos. It is really about looking to heaven for the answers. We have always used the stars above to guide our way here on earth. The scientific, rational mind with its technological innovation has brought us into the 21st century. It is time for balance. Following our creative heart and listening to our own intuition is the "NEW ORDER OF THE AGES."

The "Connect The DotZ" film series is centered around the themes of FREEDOM, VISION and CREATIVITY. It celebrates the inspiration of great men like President, John F. Kennedy, and the brilliant inventor, Nikola Tesla . It champions the human heart to be free of the negative forces that have tied us to slavery and greed since the beginning of time. Why do we do what we do? What can we change? What can we do? The series has been created as a trilogy of educational DVD movies to spark discussion about the amazing and crazy world we live in today, as well as, discussing what options we have for the future.

What is the currency of the Universe?
 What makes the World go Round?
 What is our connection to Ancient Civilizations? Why do indigenous people know so much more than modern man? Can we reverse our "spin"? Can we reverse our negative momentum? Why is the Sun such an important key? Why does the sun reverse its cycle every 11 years? Why is 11:11 symbolic of a "doorway"? While chaos and confusion are on the rise, amazing discoveries are being made every day.

The Connect the DotZ logo symbolizes the wisdom of ancient civilizations (the Aztec Calendar) fusing with the American vision of truth, liberty and the pursuit of happiness (the "all-seeing-eye"). The Pythagorean octave in western music also plays a supporting role as the basis of reality since everything is in a state of vibration seeking balance... of interest is the classic Greek definition of sacred geometry as being harmonious music frozen in time.



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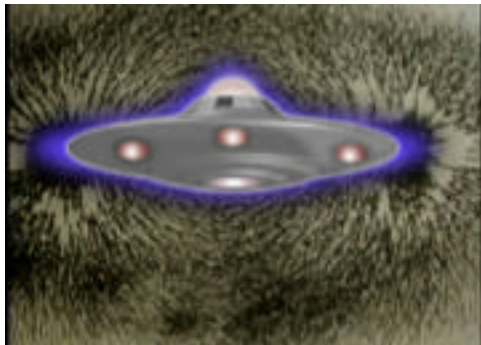
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WORKSHEET 3 - SYNTHESIS

PUT IT TOGETHER - WHAT IS THE BIG PICTURE?

Look carefully at each picture...

Use your imagination to connect the information and meaning contained within each of the pictures. How do you connect the images? What is the story?





TESLA & IMAGINATION

Making Your Imagination Work for You

Nikola Tesla interviewed by M. K. Wisehart (excerpt)

“During my childhood I had a very unusual sickness, which manifested itself in the way that I would see pictures followed by intense lightning. As soon as one would say a word, I would see the defined object so clearly that I could not distinguish whether it was real or not. Even when I stretched my hand and tried to reach for the picture, it stayed complete and would not move from its place. In trying to free myself from these tormenting appearances, I tried to concentrate my thoughts on some peaceful, quieting scene I had witnessed. This would give me momentary relief; but when I had done it two or three times the remedy would begin to lose its force. Then I began to take mental excursions beyond the small world of my actual knowledge. Day and night, in imagination, I went on journeys--saw new places, cities, countries, and all the time I tried hard to make these imaginary things very sharp and clear in my mind. I imagined myself living in countries I had never seen, and I made imaginary friends, who were very dear to me and really seemed alive.

This I did constantly until I was seventeen, when my thoughts turned seriously to invention. Then, to my delight, I found I could visualize with the greatest facility. I needed no models, drawings, or experiments. I could picture them all in my mind.

By that faculty of visualizing, which I learned in my boyish efforts to rid myself of annoying images, I have evolved what is, I believe, a new method of materializing inventive ideas and conceptions. It is a method which may be of great usefulness to any imaginative man, whether he is an inventor, businessman or artist.

Some people, the moment they have a device to construct or any piece of work to perform, rush at it without adequate preparation, and immediately become engrossed in details, instead of the central idea. They may get results, but they sacrifice quality.

Here, in brief, is my own method: After experiencing a desire to invent a particular thing, I may go on for months or years with the idea in the back of my head. Whenever I feel like it, I roam around in my imagination and think about the problem without any deliberate concentration. This is a period of incubation.

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Then follows a period of direct effort. I choose carefully the possible solutions of the problem I am considering, and gradually center my mind on a narrowed field of investigation. Now, when I am deliberately thinking of the problem in its specific features, I may begin to feel that I am going to get the solution. And the wonderful thing is, that if I do feel this way, then I know I have really solved the problem and shall get what I am after.

The feeling is as convincing to me as though I already had solved it. I have come to the conclusion that at this stage the actual solution is in my mind subconsciously, though it may be a long time before I am aware of it consciously.

Before I put a sketch on paper, the whole idea is worked out mentally. In my mind I change the construction, make improvements, and even operate the device. Without ever having drawn a sketch I can give the measurements of all parts to workmen, and when completed all these parts will fit, just as certainly as though I had made the actual drawings. It is immaterial to me whether I run my machine in my mind or test it in my shop.

The inventions I have conceived in this way have always worked.”

Nikola Tesla, 1921
American Magazine

QUESTIONS TO DISCUSS:

- 1) Why is our imagination so important?
- 2) What makes some people more imaginative than others?
- 3) Can imagination be taught in school?

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