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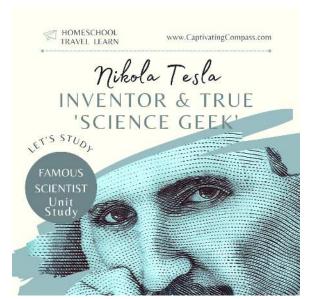


# July's Famous People Freebie Nikola Tesla

(for Upper Elementary through High School)

July Writing Prompt Calendar
Summer Photo Scavenger Hunt – Summer Adventures
Virtual Learning Notebooking Pages
World Map - Trek Scratcher Kids Edition

July	Holiday, Famous Person's Birthday, or Fun Activity
10	<u>Nikola Tesla</u> (1856), <u>learn</u> about this Serbian-American physicist, electrical engineer, and inventor, who developed alternating current and the Tesla Coil, born in Smiljan, Austrian Empire (now <u>Croatia</u> ).



#### Tesla Timeline Worksheet

**Instructions:** Explore the Nikola Tesla timeline and answer the following questions:

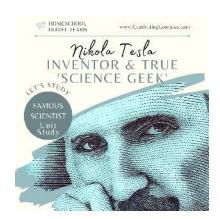
- 1. According to the Gregorian Calendar, what day was Tesla born?
- 2. In 1862, Tesla's family moved. What city did they move to?
- 3. What is the name of Nikola's only brother who died in 1863?



- 4. In 1870, Tesla moved and lived with relatives. What town did he move to?
- 5. What were the circumstances around Tesla's father agreeing to Engineering school for Nikola?
- 6. In what Hungarian city did Tesla get a job in 1881, working for the Telephone Exchange Office as Chief Electrician?
- 7. After reciting an excerpt of Gothe's *Faust* to a friend, what did Tesla use to draw the diagram solving the AC riddle?
- 8. What year did Tesla sail to America & how much money did he have when he arrived?
- 9. What AC demonstration did Tesla conduct in 1884 that provided funds for ongoing work?
- 10. What year did Tesla develop some of the first neon and fluorescent illumination?
- 11. What destroyed all of Tesla's lab, including invention models, plans, notes lab data, tools & photographs in 1895?
- 12. In what year did Tesla partner with J.P. Morgan?
- 13. What did Guglielmo Marconi do in 1909 that made Tesla furious?
- 14. What happened to Tesla in 1916?
- 15. What Medal did Tesla receive in 1917?
- 16. What year was Tesla featured on the cover of Time Magazine and received letters from prominent scientists including Albert Einstein?
- 17. What was the name of the hotel where Tesla lived when he was found dead in 1943?



- 18. What is peculiar about the US Air Force operation code-named 'Project Nick'?
- 19. In what year was Tesla honored with an International Unit named for the unit of flux?



### Get the complete Tesla Unit study.

#### Details here.

# In The Let's Study Nikola Tesla: Get Amped Unit Study You Will Find:

- 6 engaging science experiments about Tesla's greatest inventions.
- Videos, printable worksheets, online games, and interactives. It is chock full of resources to learn all you can about Tesla's life and contribution to science.
- Read & respond to questions about Tesla's life and greatest accomplishments.
- Fun, engaging experiments to learn more about Tesla's most famous works and ideas.
- Experiments and resources that can be used for final projects, science fairs, etc. The unit study includes experiments, lab reports, and fun ways to learn about Electricity, and Magnetism.
- Information about history and science museums dedicated to the life and work of Nikola Tesla.
- Virtual tours of three of the most famous Tesla museums.

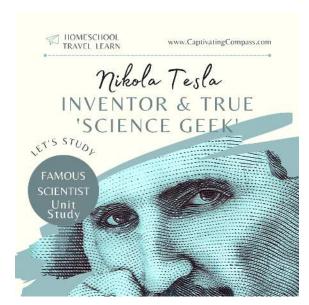
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#### Tesla Timeline Worksheet

#### ANSWER KEY

**Instructions:** Explore the Nikola Tesla timeline and answer the following questions.

- 1. According to the Gregorian Calendar, what day was Tesla born? July 10th, 1856
- 2. In 1862, Tesla's family moved. What city did they move to? Gospić
- 3. What is the name of Nikola's only brother who died in 1863? Dane
- 4. In 1870, Tesla moved and lived with relatives. What town did he move to? Karlovac (also known as Carlstadt)
- 5. What were the circumstances around Tesla's father agreeing to Engineering school for Nikola? In 1873, Nikola contracted cholera. After being bedridden for 9 months near death, his father agrees to let him attend engineering school when he is well.
- 6. In what Hungarian city does Tesla get a job in 1881, working for the Telephone Exchange Office as Chief Electrician? **Budapest**.
- 7. After reciting an excerpt of Gothe's *Faust* to a friend, what did Tesla use to draw the diagram solving the AC riddle? A stick (some say his cane).
- 8. What year did Tesla sail to America & how much money did he have when he arrived?

  He sailed on June 6th 1884. When he arrived he had 4 cents.
- 9. What AC demonstration did Tesla conduct in 1884 that provided funds for ongoing work? The Egg of Columbus.



- 10. What year did Tesla develop some of the first neon and fluorescent illumination? 1890
- 11. What destroyed all of Tesla's lab, including invention models, plans, notes lab data, tools & photographs in 1895? A fire that started in the basement of the 6-story build.
- 12. In what year did Tesla partner with J.P. Morgan? 1901
- 13. What did Guglielmo Marconi do in 1909 that made Tesla furious? Won the Nobel Prize for Radio.
- 14. What happened to Tesla in 1916? He declared bankruptcy.
- 15. What Medal did Tesla receive in 1917? The Edison Medal.
- 16. What year was Tesla featured on the cover of Time Magazine and received letters from prominent scientists including Albert Einstein? 1931
- 17. What was the name of the hotel where Tesla lived when he was found dead in 1943?

  The New Yorker
- 18. What is peculiar about the US Air Force operation code-named 'Project Nick'? The copies of Tesla's papers disappeared after the project was discontinued.
- 19. In what year was Tesla honored with an International Unit named for the unit of flux?

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