**RADIOACTIVITY PROJECT: Note Taking Page: Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Radioisotope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Nuclear Formula of the isotope** | **Half Life and Products**  Does it decay or undergo fission/fusion? What type of nuclear reaction? What are the parent/daughter nuclei? What is the half-life of the isotope? | **Where does it come from?**  Where does the isotope come from? How is it obtained/isolated? |
| **Use**  How and for what purpose is the isotope used – choose one use to investigate? Who uses it? | **Explanation of how the technology works:**  How does the technology work – that the isotope is involved in? | **Address a problem or issue**  How is the isotope/technology used to address a specific problem or issue? |
| **How effective is it?**  How effective is the isotope/technology in solving the problem or issue? | **Benefits**  How can humans benefit from using this isotope/technology? (identify 2 of the following perspectives: moral, ethical, social, economic, political, cultural and environmental) | **Disadvantages**  What are the drawbacks? (identify 2 of the following perspectives: moral, ethical, social, economic, political, cultural and environmental) |
| **Sources of Information including images – put onto Noodlebib** | | |