**Name:**

**Date:**

**School:**

**Facilitator:**

4.05 Radiation Booklet

**The World Nuclear Society is updating its regulations and needs you to assist them in designing a new brochure about naturally-occurring nuclear radiation brochure. This booklet will be sent out all over the world to be used as a public safety document for anyone interested in natural radiation. The goal is to better inform the public about background radiation. Be sure to be thorough in designing the booklet – remember it will be a public safety document!**

**Your brochure or booklet should adhere to the guidelines listed below, and you may select any of the suggested topics or create your own. You will be graded according to the 4.05 Radiation Booklet Rubric, linked on the Task page.**

**Guidelines:**

1. **Your public safety brochure will be called “Radiation and You” and should focus on naturally-occurring radiation, not man-made radiation.**
2. **Your booklet MUST address the following information somewhere in the document, but you may feel free to organize it in any way you want:**

* **What is radiation?**
* **What is radioactive material?**
* **How is radioactivity detected?**
* **Safe radiation levels**
* **What is naturally occurring radiation?**
* **Identify sources of naturally occurring radiation**
* **Where to find information on naturally-occurring radiation**
* **Is there a need to protect ourselves from naturally occurring radiation? If so, what can we do?**

1. **You may use a brochure template from Word, Pages, or another program. You may also create your own design, but the file must be able to be opened by your teacher. Suggested file formats include: .doc, .docx, and .pdf. There is no specific length since the formats may be different, but all the topics listed above should be adequately covered.**
2. **Your brochure should be neat and well formatted. It should also be written using correct grammar and punctuation.**
3. **You may use sites and resources provided in the lesson, and you may also conduct your own research. Remember to provide citations for all of your sources somewhere in the brochure. Use the MLA Citation instructions linked on the Task page.**