







Marie Curie

Mother of Modern Physics

June 6-June 12, 2010

Earn “Science Bucks” by completing one or more of the following:

1. Read a book about Marie Curie.  (2)
2. Pierre and Marie Curie did not believe that radioactivity was dangerous. Draw a picture showing some of the safety measures that are used to protect people from radioactivity today.  (1)
3. Pierre and Marie Curie discovered Radium. What is radium used for today? How did it provide the foundation for the Atomic Age? Write a paragraph answering these questions.  (1)
4. Marie Curie spoke Russian as well as Polish. Write down “Summer of the Scientist” in both languages.  (1)
5. Marie Curie was the first woman to earn a Nobel Prize. She earned a Nobel Prize in Physics and Chemistry. Read a book about another Nobel Prize winner.  (2)
6. Marie Curie loved physics. Physics is fun. Learn about two of the following and explain how they are used in your everyday life: motion, heat, thermodynamics, electricity, magnetism and light.  <http://www.physics4kids.com/index.html> (1)
7. Visit the Visual Arts Center at the Washington Pavilion for a special activity. (1)
8. Visit the Kirby Science Discovery Center on Saturday, June 12th, for a day full of special activities to learn more about Marie Curie and you will discover many ways to earn more “Science Bucks”. Paid admission is required.
 - Come and see an x-ray demonstration
 - Learn about radioactivity and half-life with a fun penny activity
 - Play the Marie Curie Science Challenge
 - Play Science BINGO
 - Learn more about the scientific method with our bead activity
 - Don’t forget to enter the coloring contest!

Summer of the Scientist Instructions:

- Each week (May 30- Aug 28) will feature a new scientist, inventor or explorer. You can earn “Science Bucks” by completing activities as you learn about the featured person. Activity pages and logs, coloring contest pages and instructions can be picked up in the Kirby Science Discovery Center lobby at the “Summer of the Scientist” table.
- Register in the Kirby Science Discovery Center at any time during the summer.
- Keep track of your activities on the activity log and make sure to have a parent/guardian initial.
- Many of the activities are meant to be done at home. You can receive your “Science Bucks” for completing those activities by talking to a Kirby Science Discovery Center Floor Coordinator during open hours. You can ask the Box Office to radio the Coordinator. They are happy to help! 😊
- “Science Bucks” can be redeemed on the last Saturday and Sunday of each month from 12-2pm in the Discovery Den. Paid admission is required to enter the Discovery Den located on the 4th floor of the Kirby Science Discovery Center.
- Each Saturday, special activities will be held in the Kirby Science Discovery Center. The Discovery Den is located on the 4th floor of the Kirby Science Discovery Center. Paid admission is required.
- The Science Challenge will take place at 2pm in the Discovery Den every Saturday. The Science Challenge will feature questions about that week’s scientist, inventor or explorer. There will be a tournament of champions on August 28, 2010.
- Science BINGO will take place at 3pm every Saturday in the Discovery Den.
- There will be a different coloring contest every week. 13 weekly winners will be announced on August 28, 2010. Coloring contest pages can be picked up in the Kirby Science Discovery Center Lobby at the “Summer of the Scientist” table.
- Special guests will be in the Kirby Science Discovery Center on select Saturdays.
- “Science Bucks” cannot be replaced if lost or stolen.
- Parents may alter the activities for young children.