NASA's Chandra X-Ray Observatory

Virtual Field Trip Teacher Guide | Young Learners

with NASA's Universe of Learning

FREE RELATED ACTIVITIES & RESOURCES FOR YOUNG LEARNERS

Binary Code

http://chandra.si.edu/binary
Learn the basics of binary code with interactive and at-home activities.
These include paper activities such as:

https://chandra.si.edu/binary/nametag.html#nametag
Using a binary code chart to write your name and craft secret messages.

https://chandra.si.edu/binary/pin.html#pin
This activity will help you write your initials in binary code to
created beaded pins.

https://chandra.si.edu/binary/beats.html#beats

This activity will teach you to translate binary code to music and sound.

Paper Activities to Download

Coloring Pages

https://chandra.si.edu/women/images/coloring_pages.pdf *Women in Science Downloadable Coloring Pages*

Zine

https://chandra.si.edu/women/images/women-in-stem-zine.pdf *Learn to create your own foldable zine*.

Chandra Fun Pad

chandra.si.edu/corps/images/Chandra_Fun_Pad.pdf *Include word searches, coloring pages, and other fun activities*.

www.nasa.gov chandra.si.edu