

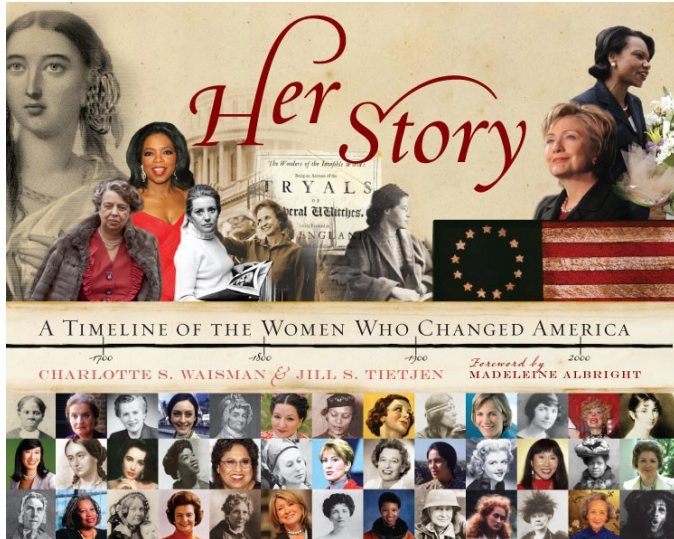
## **Destination: Earth Flash Cards**

Women scientists in a wide range of fields have helped us to understand planet Earth. Some of their different types of contributions are featured on these flash cards.

Each flash card is sized for a 4" x 6" index card with a front and back side. The front side contains an image and a question. The back side repeats the question and provides the answer.

The flash cards are derived from the more than 850 women in U.S. history from 1587 to 2007 featured in our book ([www.herstoryatimeline.com](http://www.herstoryatimeline.com)). ENJOY!

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*



*Her Story: A Timeline of the Women Who Changed America*  
Charlotte S. Waisman and Jill S. Tietjen



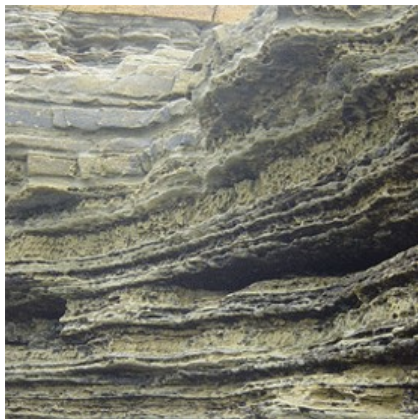
**She was a  
chemist. She  
studied water  
quality. She  
set the first  
water  
standards in  
the U.S.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
chemist. She  
studied water  
quality. She  
set the first  
water  
standards in  
the U.S.**

**Ellen Henrietta  
Swallow  
Richards  
(1842-1911)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*



**She was a geologist. She studied rocks. She learned how rocks are formed.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
geologist. She  
studied rocks.  
She learned  
how rocks are  
formed.**

**Florence  
Bascom  
(1862-1945)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*



**She was a  
botanist. She  
studied plants.  
She spent 35  
years  
collecting and  
sorting plant  
types.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
botanist. She  
studied plants.  
She spent 35  
years  
collecting and  
sorting plant  
types.**

**Catherine  
Furbish  
(1834-1931)**

*Her Story: A Timeline of the Women Who Changed America*  
Charlotte S. Waisman and Jill S. Tietjen





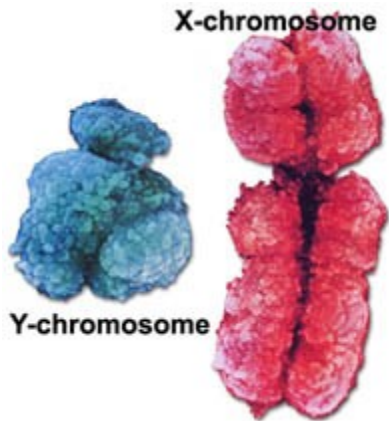
**She was a  
bacteriologist.  
She made fish,  
eggs, milk, and  
poultry safer  
to eat.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
bacteriologist.  
She made fish,  
eggs, milk, and  
poultry safer  
to eat.**

**Mary Engle  
Pennington  
(1872-1952)**

*Her Story: A Timeline of the Women Who Changed America*  
Charlotte S. Waisman and Jill S. Tietjen



**She was a biologist. She looked at genes. She found out how babies become girls or boys.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
biologist. She  
looked at  
genes. She  
found out how  
babies become  
girls or boys.**

**Nettie Stevens  
(1861-1912)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

QUARANTINE  
SCARLET FEVER

All persons are forbidden to enter or leave these premises without the permission of the HEALTH OFFICER under PENALTY OF THE LAW.

This notice is posted in compliance with the SANITARY CODE OF CONNECTICUT and must not be removed without permission of the HEALTH OFFICER.

Form D-1-86.

\_\_\_\_\_ Health Officer.

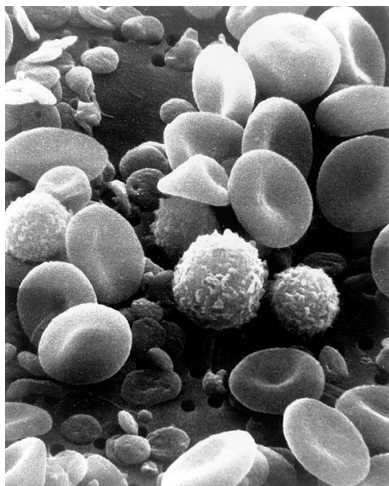
**She was a  
microbiologist.  
She found a  
germ. It  
caused a bad  
disease called  
scarlet fever.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
microbiologist.  
She found a  
germ. It  
caused a bad  
disease called  
scarlet fever.**

**Gladys Dick  
(1881-1963)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*



**She was a  
doctor. She  
studied white  
cells. She  
learned how  
they fight  
diseases.**

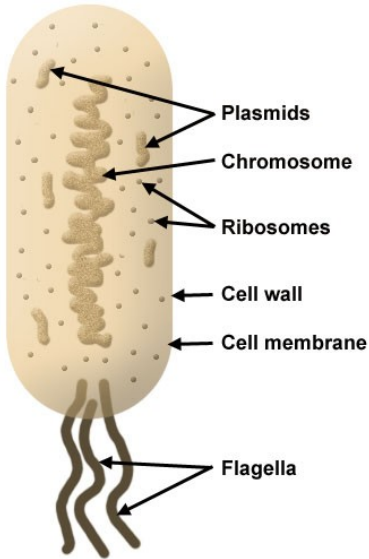
*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
doctor. She  
studied white  
cells. She  
learned how  
they fight  
diseases.**

**Florence Sabin  
(1871-1953)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*





**She was a  
bacteriologist  
and doctor.  
She developed  
a serum to  
fight  
meningitis.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
bacteriologist  
and doctor.  
She developed  
a serum to  
fight  
meningitis.**

**Hattie  
Alexander  
(1901-1968)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*



**She is an  
expert on river  
pollution. She  
started the  
field of  
limnology.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

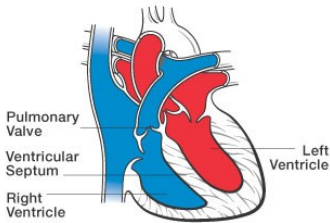
**She is an expert on river pollution. She started the field of limnology.**

**Ruth Patrick  
(1907- )**

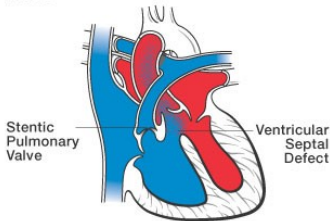
*Her Story: A Timeline of the Women Who Changed America*  
Charlotte S. Waisman and Jill S. Tietjen

## Tetralogy of Fallot

Normal



Defect



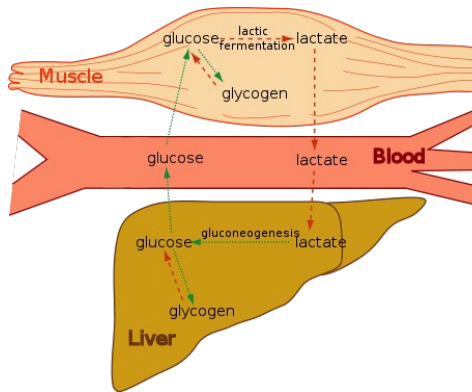
**She was a  
baby doctor.  
She figured out  
how to fix  
“blue babies”.  
They have a  
heart defect.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
baby doctor.  
She figured  
out how to fix  
“blue babies”.  
They have a  
heart defect.**

**Helen Taussig  
(1898-1986)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*



**She was a  
biochemist.  
She showed  
how muscles  
use food. She  
won the Nobel  
Prize.**

*Her Story: A Timeline of the Women Who Changed America*  
Charlotte S. Waisman and Jill S. Tietjen

**She was a  
biochemist.  
She showed  
how muscles  
use food. She  
won the Nobel  
Prize.**

**Gerty Cori  
(1896-1957)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*





**She was  
worried about  
the  
environment.  
She worked to  
save the  
Everglades.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was  
worried about  
the  
environment.  
She works to  
save the  
Everglades.**

**Marjory  
Stoneman  
Douglas  
(1890-1998)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*



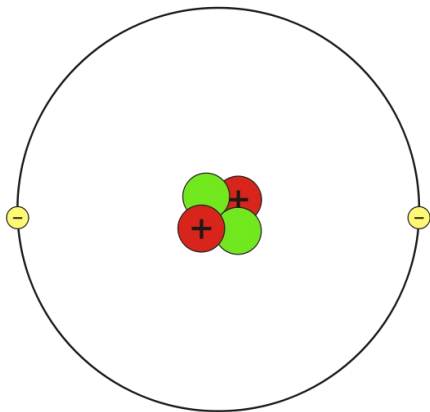
**She was a  
biologist. She  
wrote a book.  
It is called  
*Silent Spring*.  
It warns not to  
use a pesticide  
called DDT.**

*Her Story: A Timeline of the Women Who Changed America*  
Charlotte S. Waisman and Jill S. Tietjen

**She was a  
biologist. She  
wrote a book.  
It is called  
*Silent Spring*.  
It warns not to  
use a pesticide  
called DDT.**

**Rachel Carson  
(1907-1964)**

*Her Story: A Timeline of the Women Who Changed America*  
Charlotte S. Waisman and Jill S. Tietjen



**She was a  
physicist. She  
studied atoms.  
She won the  
Nobel Prize.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
physicist. She  
studied atoms.  
She won the  
Nobel Prize.**

**Maria  
Goeppert-  
Mayer  
(1906-1972)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*



**She is a chemist. She invented Kevlar. It is used in bulletproof vests. It is used in armor for soldiers.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She is a  
chemist. She  
invented  
Kevlar. It is  
used in  
bulletproof  
vests. It is  
used in armor  
for soldiers.**

**Stephanie  
Kwolek  
(1923- )**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*





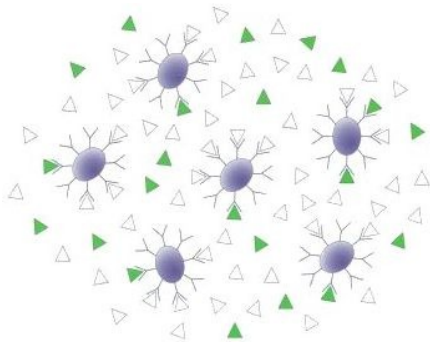
**She was a  
zoologist. She  
studied  
gorillas. She  
lived in Africa  
with the  
gorillas.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
zoologist. She  
studied  
gorillas. She  
lived in Africa  
with the  
gorillas.**

**Dian Fossey  
(1932-1985)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*



**She was a physicist. She detected small amount of substances. This helped in the study of diseases. She won a Nobel Prize.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
physicist. She  
detected small  
amount of  
substances.  
This helped in  
the study of  
diseases. She  
won a Nobel  
Prize.**

**Rosalyn Yalow  
(1921- )**

*Her Story: A Timeline of the Women Who Changed America  
Charlotte S. Waisman and Jill S. Tietjen*



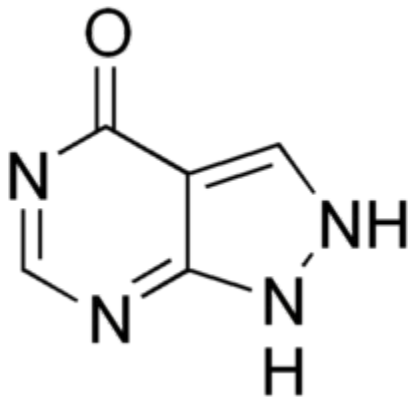
**She was a  
geneticist. She  
studied corn.  
She found that  
genes jumped  
from one place  
to another.  
She won a  
Nobel Prize.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She was a  
geneticist. She  
studied corn.  
She found that  
genes jump  
from one place  
to another.  
She won a  
Nobel Prize.**

**Barbara  
McClintock  
(1902-1992)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*



**She was a  
biochemist.  
She developed  
drugs. One  
allowed organ  
transplants.  
She won a  
Nobel Prize.**

*Her Story: A Timeline of the Women Who Changed America*  
Charlotte S. Waisman and Jill S. Tietjen

**She was a  
biochemist.  
She developed  
drugs. One  
allowed organ  
transplants.  
She won a  
Nobel Prize.**

**Gertrude Elion  
(1918-1999)**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*





**She is an  
oceanographer.  
She has lived  
underwater. She  
researched  
environments  
under water.**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*

**She is an  
oceanographer.  
She has lived  
underwater. She  
researched  
environments  
under water.**

**Sylvia Alice  
Earle  
(1935- )**

*Her Story: A Timeline of the Women Who Changed America*  
*Charlotte S. Waisman and Jill S. Tietjen*