

**BECAUSE  
OF THEM  
WE CAN**

**BOX**

**JUST FOR KIDS**

# BECAUSE OF MAE JEMISON

ISSUE 5, 5-8

ANDRIAHNA POSING AS  
MAE C. JEMISON



# MAE JEMISON TAKES FLIGHT!

**DIRECTIONS:** READ THE PASSAGE BELOW AND ANSWER THE QUESTIONS THAT FOLLOW.

DR. MAE C. JEMISON WAS BORN ON OCTOBER 17TH, 1956. SHE WAS BORN IN CHICAGO, ILLINOIS. READING WAS ONE OF MAE'S FAVORITE THINGS TO DO!

MAE LOVED READING ASTRONOMY BOOKS. **ASTRONOMY** IS THE STUDY OF THE STARS, **SOLAR SYSTEM**, GALAXIES AND OTHER **MATTER** IN THE UNIVERSE.

MAE GRADUATED HIGH SCHOOL AND STARTED COLLEGE AT STANFORD UNIVERSITY.

SHE STUDIED **CHEMICAL ENGINEERING** AND AFRICAN AMERICAN STUDIES. MAE'S PARENTS CHALLENGED HER EVERYDAY TO QUESTION THE WORLD AROUND HER.

"MY PARENTS WERE THE BEST SCIENTISTS I KNEW BECAUSE THEY WERE ALWAYS ASKING QUESTIONS," MAE SAID.

ALONG WITH HER DREAM OF BECOMING AN ASTRONAUT, MAE WAS ALSO INTERESTED IN BECOMING A DOCTOR. WHEN SHE GRADUATED FROM STANFORD UNIVERSITY, MAE ENTERED MEDICAL SCHOOL AT CORNELL UNIVERSITY. SHE VOLUNTEERED ALL OVER THE WORLD TAKING CARE OF OTHERS.

AFTER TRAVELING THE WORLD, MAE RETURNED TO THE U.S TO BECOME AN **ASTRONAUT**. SHE WAS DETERMINED AND CONFIDENT. MAE C. JEMISON BECAME AN ASTRONAUT FOR **NASA!** ON SEPT. 12, 1992, MAE JEMISON BECAME THE FIRST AFRICAN-AMERICAN WOMAN IN SPACE, WITH THE SPACE SHUTTLE ENDEAVOUR.



PHOTO CREDIT: NASA

**YOU ARE OUT OF THIS  
WORLD!**

TO THIS DAY, MAE WANTS STUDENTS TO LOVE SCIENCE AND TO BELIEVE IN THE IMPOSSIBLE, "IT IS YOUR PLACE IN THE WORLD; IT IS YOUR LIFE. GO ON AND DO ALL YOU CAN WITH IT AND MAKE IT THE LIFE YOU WANT TO LIVE."

# READ & ANSWER!

1. WHAT MAJOR ACCOMPLISHMENT(S) DID MAE JEMISON ACHIEVE?

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2. WHAT IS ASTRONOMY?

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## GLOSSARY

**ASTRONOMY:** THE STUDY OF THE UNIVERSE, BEYOND THE EARTH'S ATMOSPHERE

**SOLAR SYSTEM:** THE SUN TOGETHER WITH ALL THE PLANETS AND OTHER BODIES THAT REVOLVE AROUND IT

**MATTER:** A PARTICULAR KIND OF SUBSTANCE; SOLID, LIQUID, GASEOUS

**CHEMICAL ENGINEERING:** THE SCIENCE OR PROFESSION OF APPLYING CHEMISTRY TO INDUSTRIAL PROCESSES

**ASTRONAUT:** A PERSON ENGAGED IN OR TRAINED FOR SPACEFLIGHT

**NASA:** NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



3. BECOMING THE FIRST AFRICAN-AMERICAN WOMAN IN SPACE CHANGED THE WORLD. WHAT WOULD YOU LIKE TO BE WHEN YOU GROW UP? HOW WILL IT CHANGE THE WORLD?

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# FIVE FACTS ABOUT MAE JEMISON

- MAE IS A CERTIFIED TREKKIE. TREKKIES ARE FANS OF THE TV SHOW STAR TREK. SHE CREDITS THE SHOW FOR BUILDING HER LOVE OF SPACE. SHE EVEN APPEARED IN AN EPISODE OF STAR TREK: NEXT GENERATION.



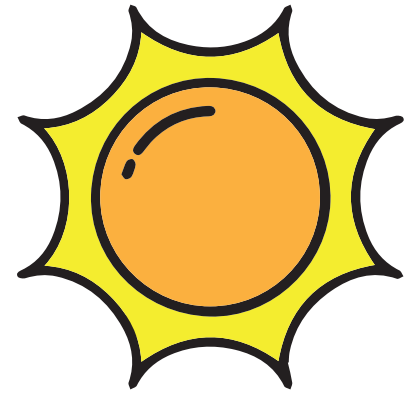
- MAE IS A TRAINED DANCER AND CHOREOGRAPHER. SHE HAS A DANCE STUDIO IN HER HOUSE AND EVEN TOOK A POSTER FROM HER DANCE SCHOOL TO SPACE WITH HER!



- MAE HAS A FEAR OF HEIGHTS! HER FEAR DID NOT STOP HER FROM ACHIEVING HER DREAM.



- MAE ATTENDED STANFORD UNIVERSITY AT THE AGE OF 16!
- MAE'S FAVORITE MUSICIANS ARE QUINCY JONES AND STEVIE WONDER.



## WORD SEARCH

FIND THE WORDS IN THE PUZZLE

ASTRONAUT

SCIENTIST

SPACE

DOCTOR

NASA

DANCER

ASTRONOMY

LEADER

CONFIDENT

CREATIVE

V	N	N	L	E	T	A	O	K	J	Z	U	G	D	V
B	A	S	T	R	O	N	A	U	T	N	T	U	A	M
T	S	R	L	S	C	I	E	N	T	I	S	T	M	U
J	A	E	C	P	S	G	O	S	T	R	C	V	X	Y
Q	Y	C	D	T	H	P	E	C	N	E	I	C	S	I
E	H	N	L	R	E	D	A	E	L	C	O	J	K	A
Y	C	A	R	B	G	C	B	C	Q	Y	E	Q	D	N
B	O	D	P	T	G	X	I	C	E	X	F	H	C	V
I	D	X	M	T	G	R	S	E	S	Y	X	R	Q	P
R	O	E	A	B	E	M	G	D	M	B	B	G	G	H
F	C	A	S	T	R	O	N	O	M	Y	J	P	A	S
T	T	E	F	S	O	P	G	Y	H	H	S	R	G	W
M	O	N	X	E	B	V	E	V	I	T	A	E	R	C
F	R	F	J	Z	C	O	N	F	I	D	E	N	T	S
W	T	M	B	W	E	M	O	V	J	R	M	U	U	O





# CALCULATE!

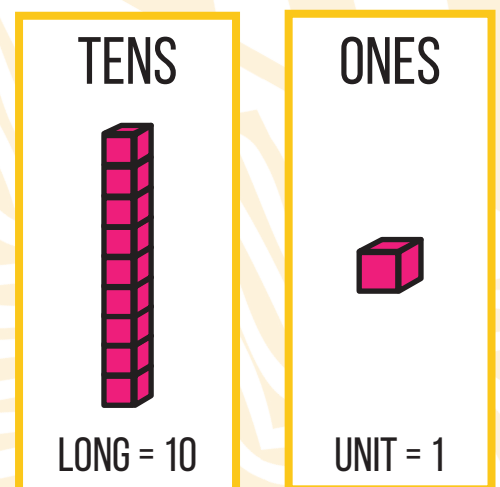
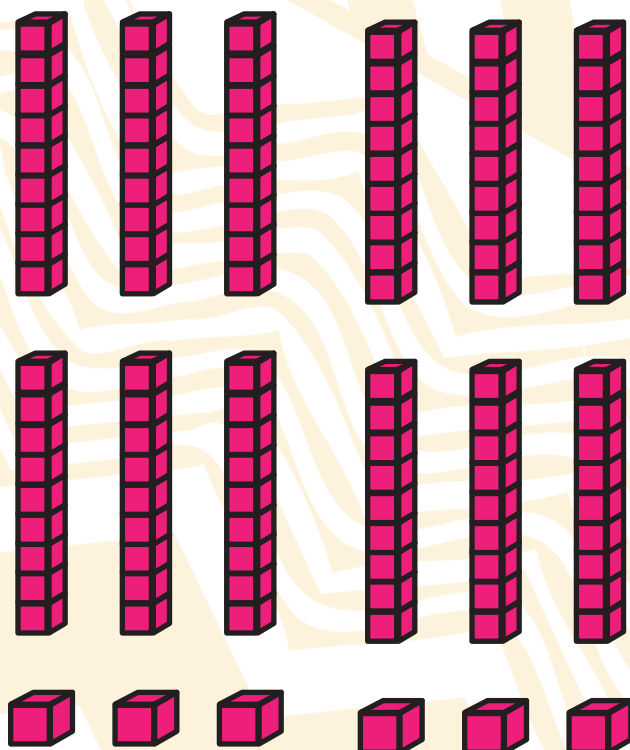
SOLVE THE FOLLOWING RIDDLE:

I AM A 3-DIGIT NUMBER  
MY HUNDREDS DIGIT IS AN EVEN NUMBER  
I AM BIGGER THAN 400  
MY ONES DIGIT IS AN ODD NUMBER  
WHO AM I?



CHOOSE ONE: 230 2703 631 642 488 1231

MAE JEMISON WENT AROUND THE EARTH **63 TIMES** DURING HER FIRST WEEK IN SPACE. HER SECOND WEEK, JEMISON WENT AROUND THE EARTH ANOTHER **63 TIMES**. HOW MANY TIMES DID JEMISON GO AROUND THE EARTH IN TOTAL?



ANSWERS: (1) 631 (2) 126

## TAKE THE PLEDGE

**I WILL HONOR**  
THE SACRIFICES OF  
MY ANCESTORS.

**I WILL BELIEVE**  
IN ME.

**I WILL PURSUE**  
MY DREAMS.

**I WILL HELP**  
OTHERS ALONG  
THE WAY.