

**BECAUSE  
OF THEM  
WE CAN**

**BOX**

**JUST FOR KIDS**

# BECAUSE OF MAE JEMISON

ISSUE 5, 9-12

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 DOES THE WORD ASTRONAUT MEAN?  
INCLUDE 1-2 PIECES OF EVIDENCE TO SUPPORT YOUR ANSWER

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2. WHAT DOES THE WORD "PERSISTENCE" MEAN IN THIS TEXT?  
INCLUDE DETAILS FROM THE TEXT TO SUPPORT YOUR ANSWER.

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## BONUS CHALLENGE

RESEARCH AND PRESENT ABOUT A PLANET USING THE PLANETARIUM  
SETTING. HAVE AN ADULT TAG [#BOTWCBOX](#) TO SHARE!



# 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.



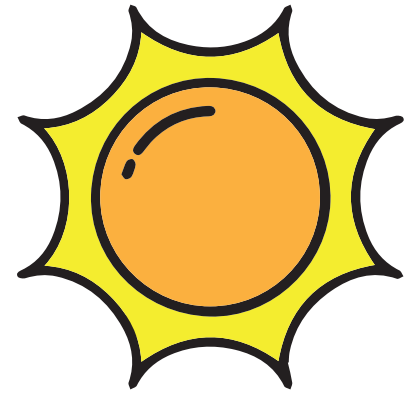
- MAE IS A TRAINED DANCER AND CHOREOGRAPHER. SHE HAS A DANCE STUDIO IN HER HOUSE AND EVEN TOOK A POSTER FROM HER DANCE SCHOOL TO SPACE WITH HER!



- 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



# COLORING ACTIVITY



# CALCULATE!

IF MAE JEMISON WEIGHS 180 POUNDS. HOW MUCH WILL JEMISON WEIGH ON THE MOON?

- A. JEMISON'S WEIGHT  $\div$  9 = JEMISON'S MASS
- B. JEMISON'S MASS  $\times$  1.6 = JEMISON'S WEIGHT ON THE MOON



MAE JEMISON ORBITED AROUND THE EARTH 126 TIMES. IF 6 ORBITS EQUAL ONE DAY, HOW MANY DAYS DID MAE TRAVEL?



ANSWERS:  
(1) (A) 20 POUNDS  
(B) 32 POUNDS  
(2) 21 DAYS



## 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.