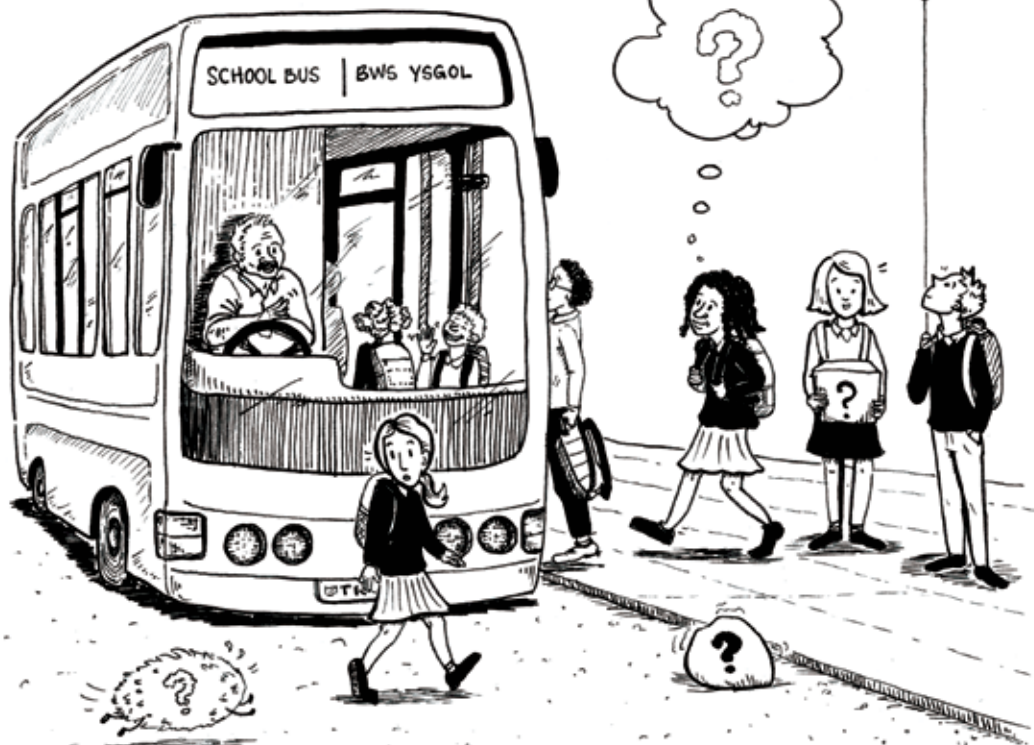


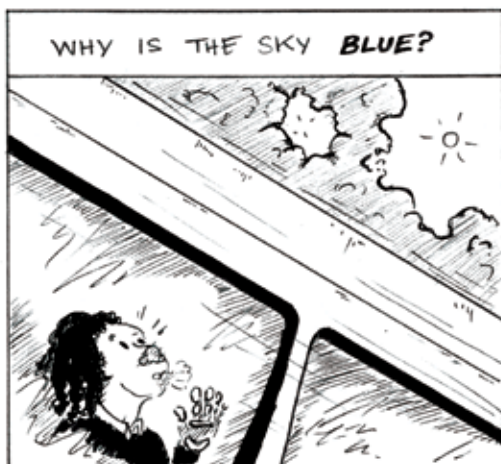
THERE IS

NO SUCH THING

AS A

stupid question





MAYBE YOU HAVE HAD **REALLY BIG** QUESTIONS...

HOW **BIG**
IS THE
UNIVERSE?

WHERE
DID IT
COME FROM?

... AND **SIMPLE** ONES...

WHAT DOES A
SCIENTIST
LOOK LIKE?



... AND **SILLY** ONES!

HOW DO YOU GO
TO THE **TOILET**
IN **SPACE?**



ALL OF THESE
QUESTIONS ARE
IMPORTANT!
LET ME TELL
YOU **WHY...**

BEFORE 1965, ONE OF THE
BEST ASTRONOMICAL OBSERVATORIES
DIDN'T ALLOW WOMEN TO USE
ITS **SCIENTIFIC INSTRUMENTS**.
THAT ALL CHANGED WITH
VERA RUBIN.



SHE WAS STUDYING
SPIRAL GALAXIES*
AND FOUND OUT THEY
SPIN SO FAST,
THEY SHOULD FLING
THEMSELVES **APART**.



THAT'S WEIRD...



My measurements
are correct.



Why don't they
spin apart...
WHAT AM I
NOT SEEING?



That's it!



Something we
cannot see.



SHE FOUND SOMETHING THAT DIDN'T
SHINE **ANY LIGHT** BUT HAD **MASS***,
HOLDING GALAXIES TOGETHER.
WE NOW HAVE A NAME FOR THIS:

**DARK
MATTER**



THEN THERE WAS A **CURIOUS**
BOY WHO DIDN'T GO TO
SCHOOL BECAUSE HIS
FAMILY WERE POOR.
HIS NAME WAS
MICHAEL FARADAY.

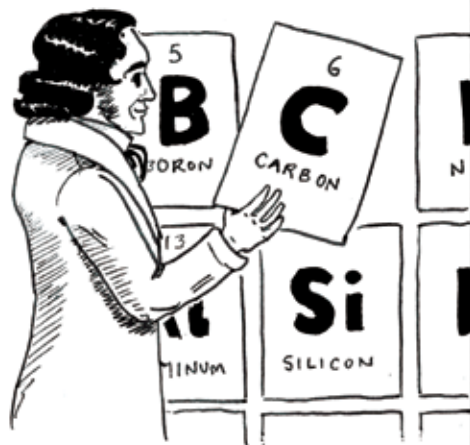


HE GOT AN APPRENTICESHIP WITH
A **BOOKBINDER*** AND STARTED
TO READ ALL ABOUT **SCIENCE.**



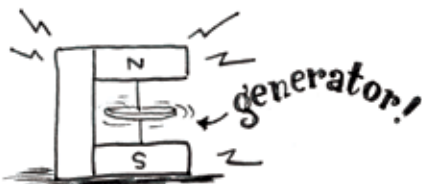
What would
happen if...

THAT MADE
HIM ASK
QUESTIONS.

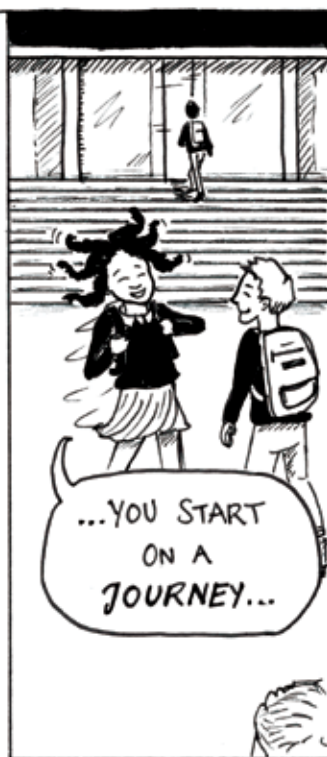


AND FROM THERE HE
DISCOVERED **CHEMICAL ELEMENTS***...

clear
glass!



... AND INVENTED THINGS
WE STILL USE TODAY.





ADA LOVELACE



NEIL DEGRASSE
TYSON



MARIE CURIE



JANE GOODALL



WILBUR & ORVILLE
WRIGHT



ALBERT EINSTEIN



GRACE HOPPER



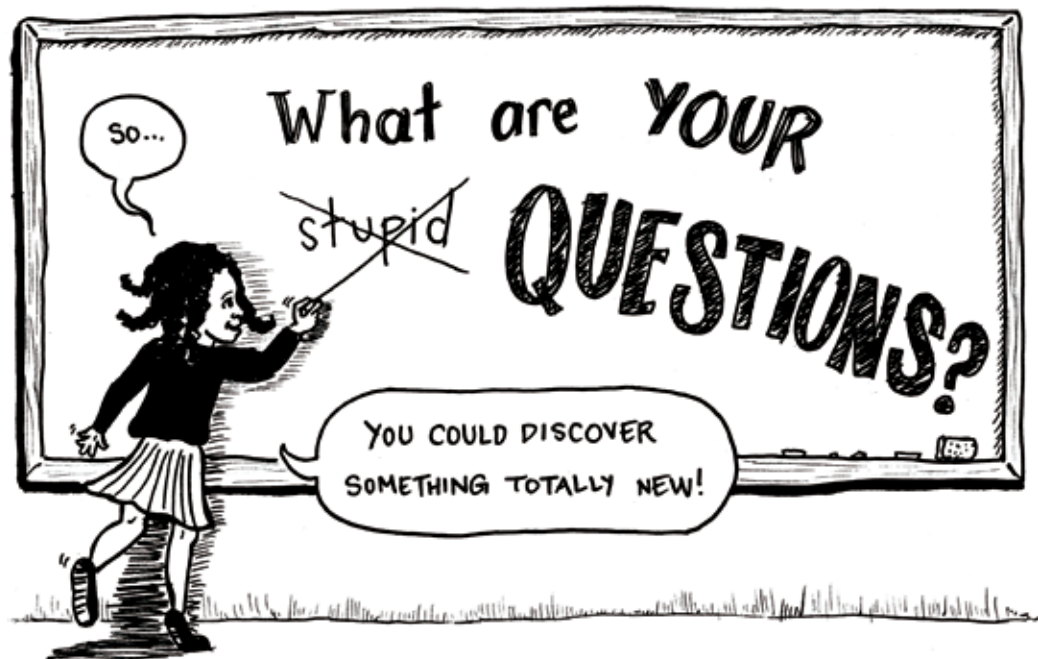
MARY ANNING

I LIKE
COMPUTERS TOO!

MAYBE I COULD
BE A
SCIENTIST?

I WANT TO
BE LIKE HER!





THIS COMIC IS PART OF 'UNIVERSE IN THE CLASSROOM', A PROJECT RUN BY CARDIFF UNIVERSITY AND LAS CUMBRES OBSERVATORY.

