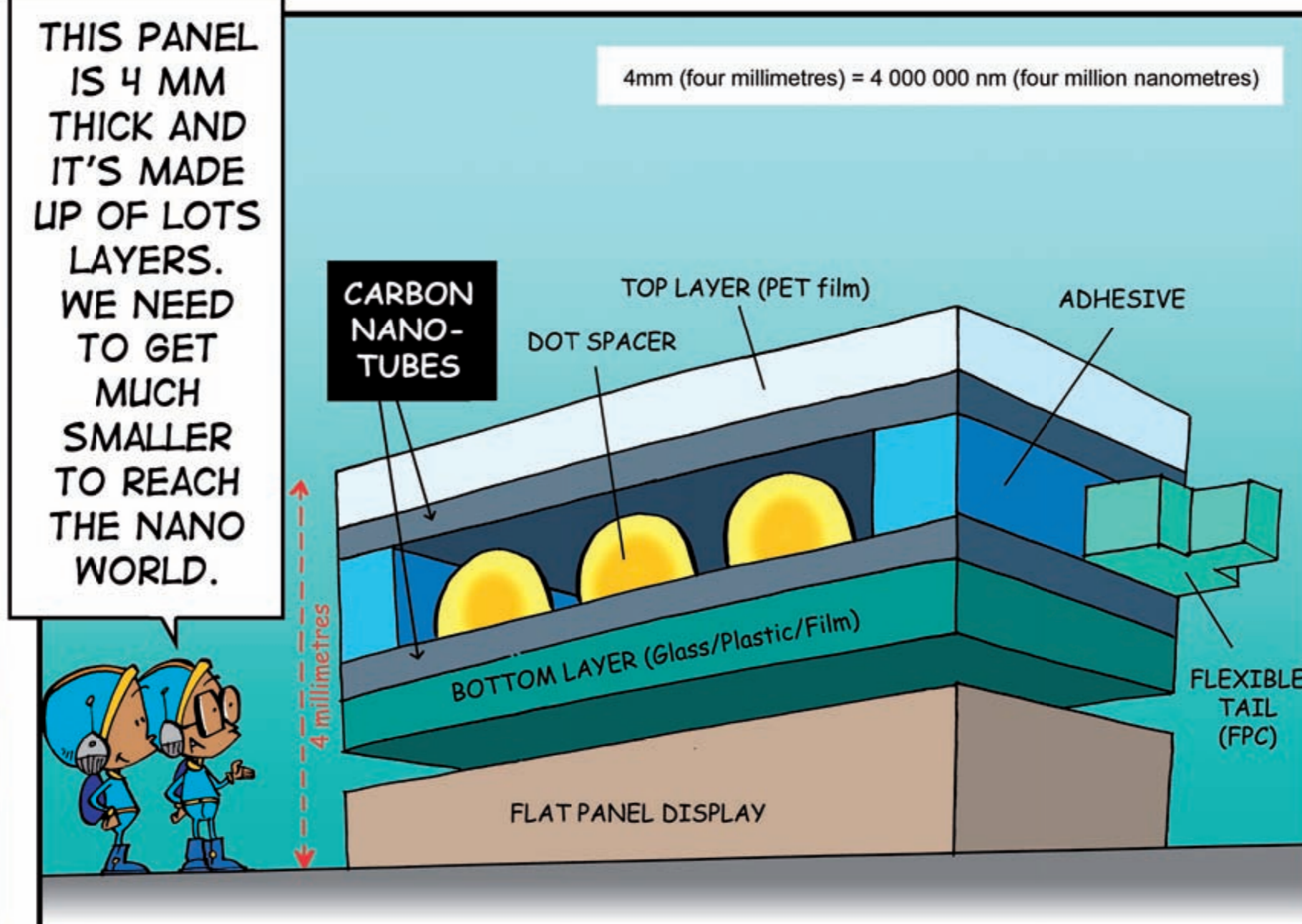
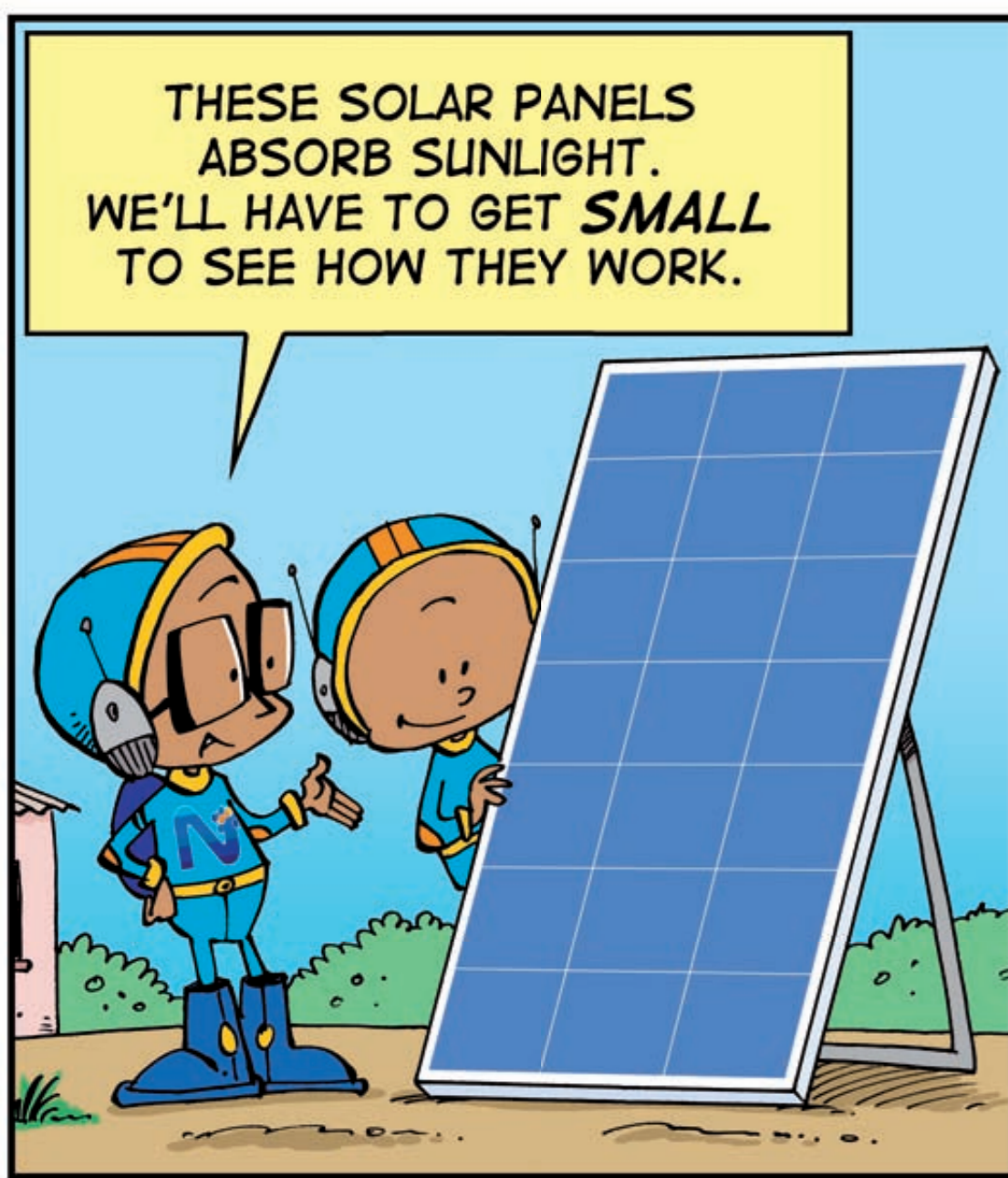
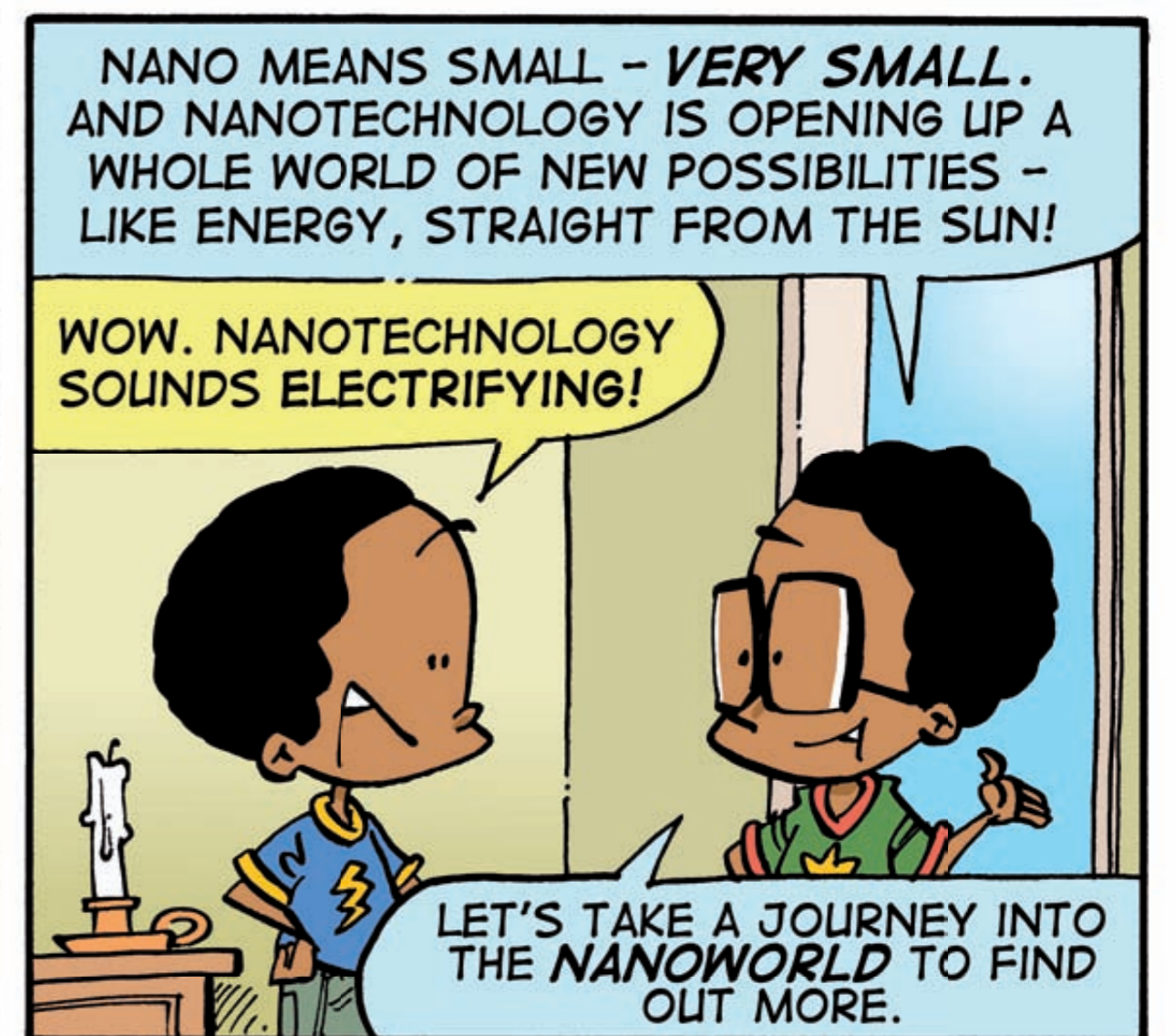
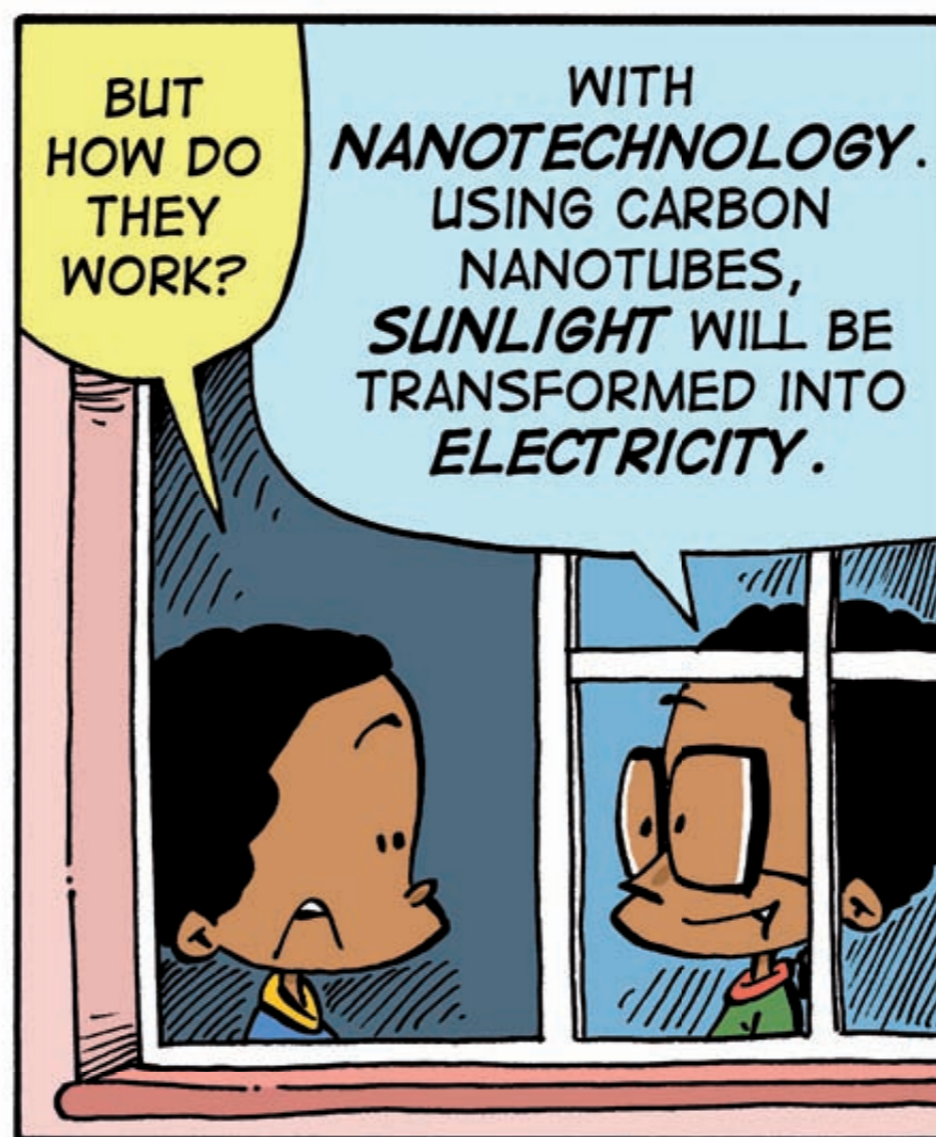
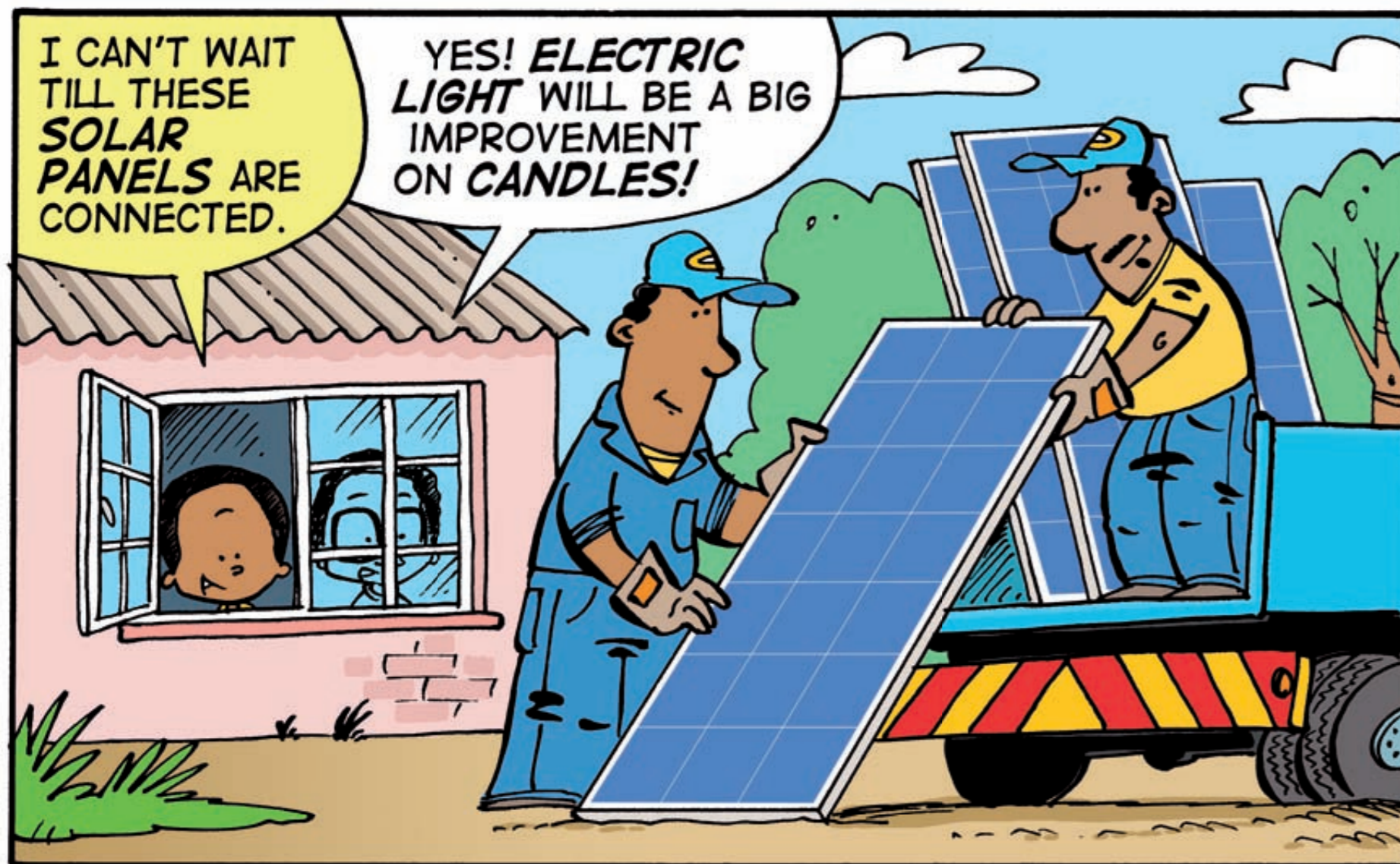




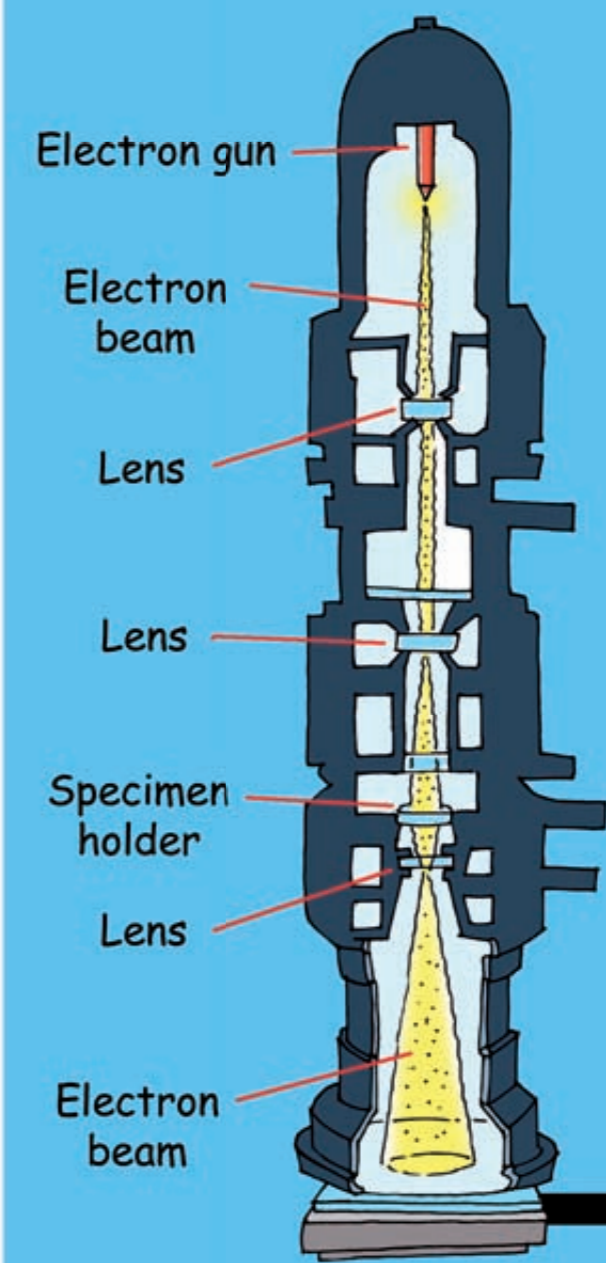
NANOTECHNOLOGY  
PUBLIC ENGAGEMENT

# SUNLIGHT INTO ELECTRICITY USING NANOTECHNOLOGY



## TRANSMISSION ELECTRON MICROSCOPE (TEM)

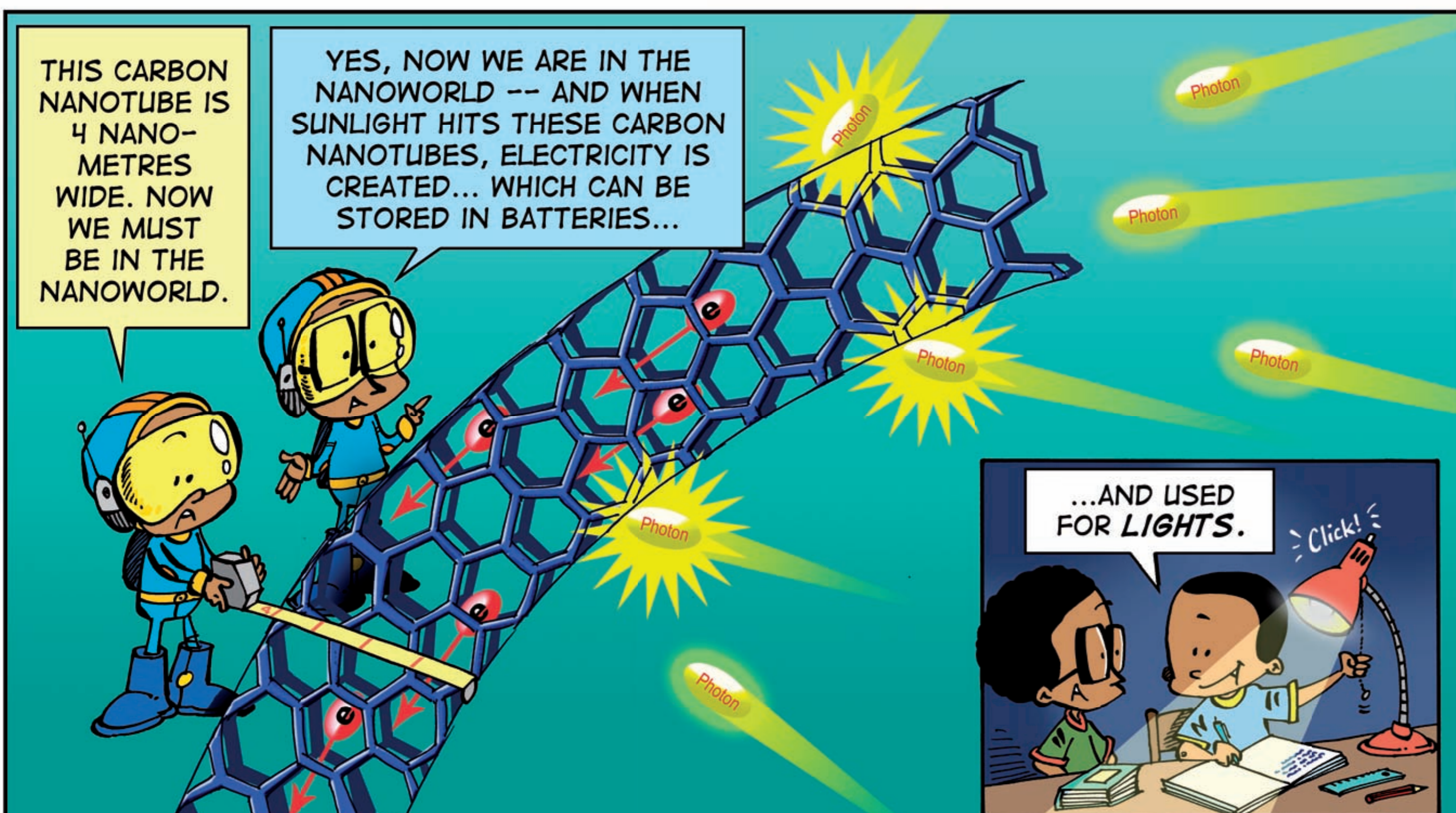
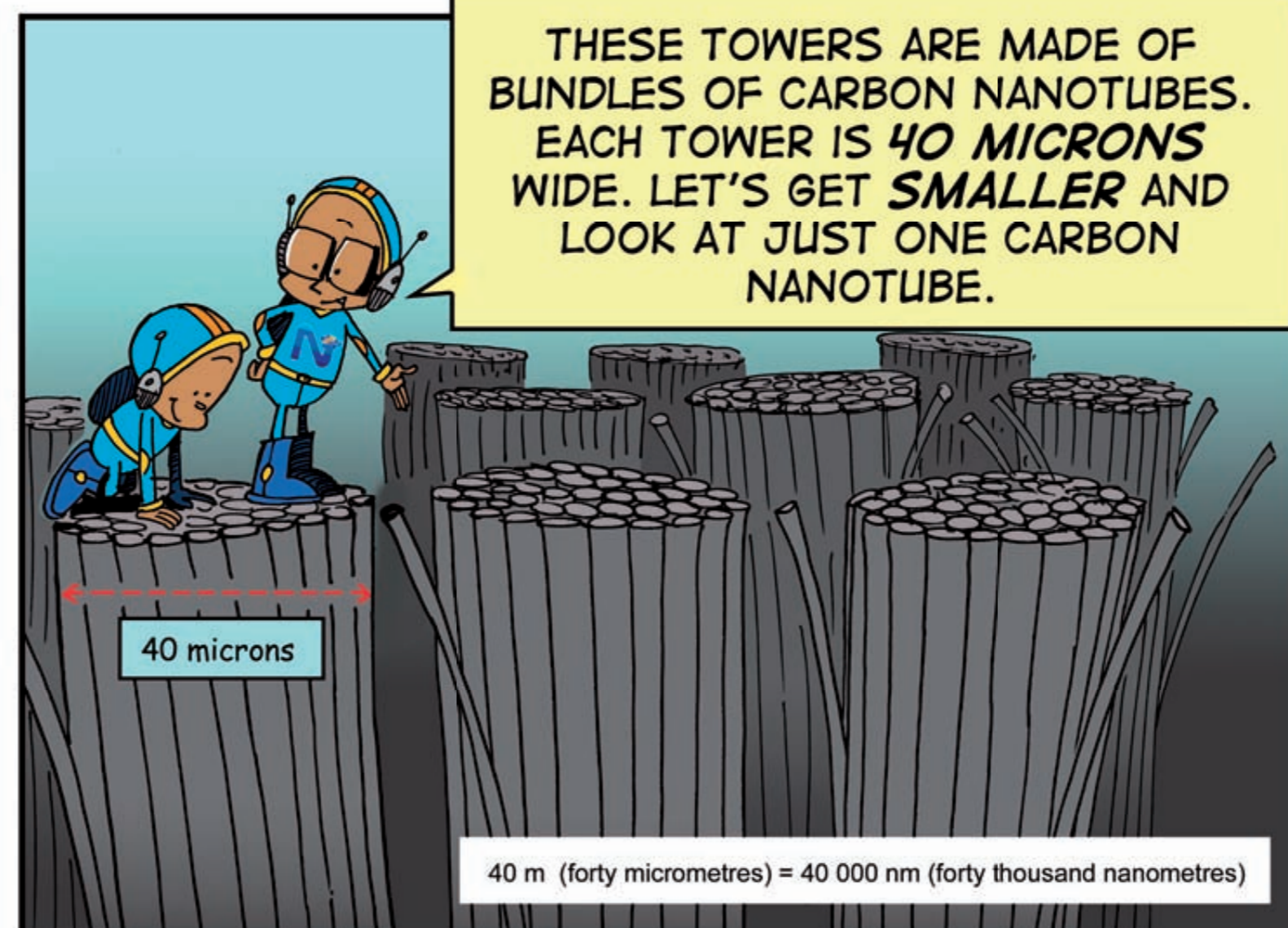
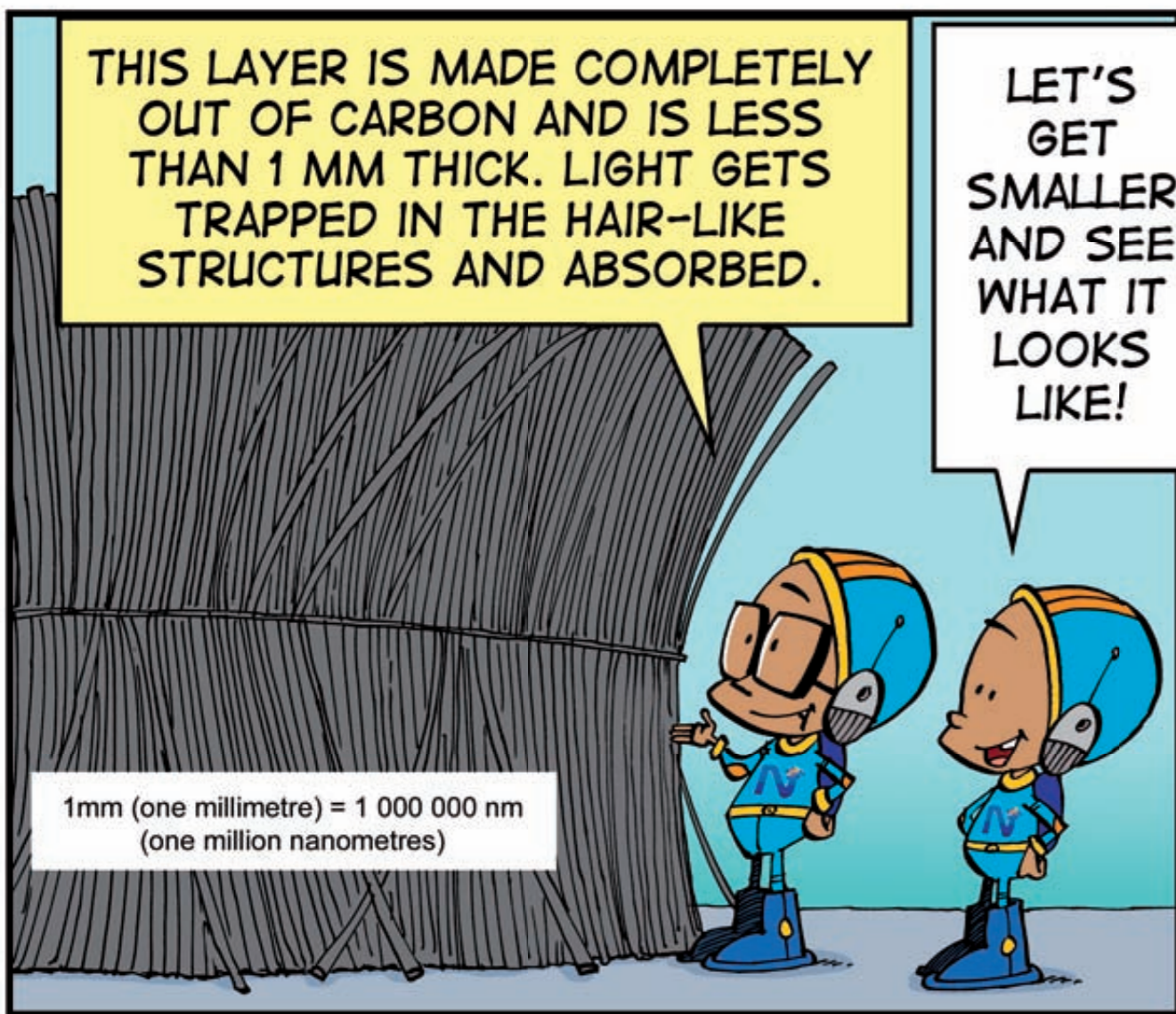
THE NANOWORLD IS SO **SMALL** THAT IT CAN'T BE SEEN WITH THE NAKED EYE OR REGULAR MICROSCOPE. SCIENTISTS DON'T REALLY SHRINK, THEY HAVE SPECIAL INSTRUMENTS TO LOOK AT THE NANOWORLD.



- This microscope focuses electrons at an object to be viewed.
- The electrons move through the object and form an image.
- The image is captured by a camera and sent to a computer screen.



A TRANSMISSION ELECTRON MICROSCOPE HELPS SCIENTISTS LOOK THROUGH MATERIALS TO SEE INSIDE THEM - LIKE THESE CARBON NANOTUBES.



## NANO CAREERS

NANOTECHNOLOGY IS IMPACTING OUR LIFE IN MANY WAYS. A WORLD OF CAREER AND RESEARCH OPPORTUNITIES IS WAITING TO BE EXPLORED.

- AUTO AND AEROSPACE INDUSTRIES
- ENVIRONMENTAL MONITORING AND CONTROL
- FOOD SCIENCE INCLUDING QUALITY CONTROL AND PACKAGING

