





COOPER'S GRANDMOTHER HAS ALZHEIMERS, A CURRENTLY UNCURABLE DISEASE. COOPER WISHED HE COULD DO SOMETHING TO HELP, BUT DIDN'T KNOW HOW.

AND THEN THE PERFECT OPPORTUNITY AROSE: SCIENCE RESEARCH SEMINAR, COOPER JONED THE CLASS AND BEGAN HIS RESEARCH, HE FOUND SOMETHING PROMISING: RESEARCH ON HOW GOLD NANOPARTICLES HAD BEEN USED TO TRY AND CURE CANCER, HE WONDERED IF HE COULD USE THE SAME THING TO REMOVE THE PROTEIN THAT CAUSES ALZHEIMERS.





COOPER KNEW HE NEEDED HELP IN ORDER TO BRING HIS PROJECT TO LIFE. HE NEEDED A TEAM. SO HE CALLED ON HIS FRIENDS FROM TENNS, LIAM AND COSMO, TO GET THE JOB DONE.

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STARTED THEIR RESEARCH IN A LAB AT UNIVERSITY OF COLORADO BOULDER COOPERS VISION WAS BEGINNING TO FORM.

SCASENCE DEVARITING.

AFTER WEEKS OF SIGNING PAPERS AND CLEARANCE FORMS, THEY WERE FINALLY ABLE TO GET INTO A REAL LAB. WITH THE HELP OF DR. KAAR, THE THREE

THE TESTS BEGAN. THEY TOOK A CARDBOARD BOX AND CUT TWO SMALL INSERTS TO THREAD WIRES THROUGH AND TAPED A LAMP TO THE TOP OF THE BOX. THE THREE CROWDED AROUNE THE EXPERIMENT. THEY HOPED WITH THE RIGHT WAVELENGTH OF LIGHT, THEY COULD ATTACH THE GOLD NANOPARTICLE TO THE PROTEIN TO PREVENT IT FROM SPLITTING



THEY BASED THEIR EXPERIMENT OFF OF THE THEORY THAT ALZHEIMERS IS CAUSED BY THE SPLITTING OF A SPECIFIC PROTEIN. HOWEVER, BASED ON RESEARCH DONE WITH GOLD NANOPARTICLES AND CANCER, THE BOYS BELIEVED THEY COULD PREVENT THE PROTEIN FROM SPLITTING.



LIAM, COOPER AND COSMO FINALLY FELT
THEY HAD FOUND SOMETHING. IN THEIR
TRIALS, THE GOLD NANOPARTICLES WERE
ABLE TO STRIP AWAY THE PROTEIN THAT
CAUSES ALZHEIMERS, JUST AS THEY HAD
HOPED. IT HADN'T BEEN TESTED ON RATS OR
PEOPLE, BUT IT WAS MERELY THE BEGINNING
OF THEIR JOURNEY. EVEN THOUGH
THEIR RESEARCH WASN'T FINISHED, THE
THREE BOYS TOOK THEIR PROJECT TO THE
SCIENCE FAIR. ON THE DAY OF THE EVENT,
THE BUILDING FILLED WITH STUDENTS FROM
ACROSS THE STATE. THE BOYS SET UP THEIR
POSTER, TOOK A DEEP BREATH, AND BEGAN.
THEY RECEIVED THE RESULTS A FEW DAYS
LATER.





THE THREE BOYS DON'T KNOW WHAT THE FUTURE HOLDS, BUT THEY QUALIFIED TO GO TO THE INTERNATIONAL SCIENCE FAIR IN CALIFORNIA. WHILE THE EVENT WAS POSTPONED DUE TO CONCERNS WITH COVID-19, THE BOYS HOPE TO EVENTUALLY GO TO INTERNATIONALS.

May 15