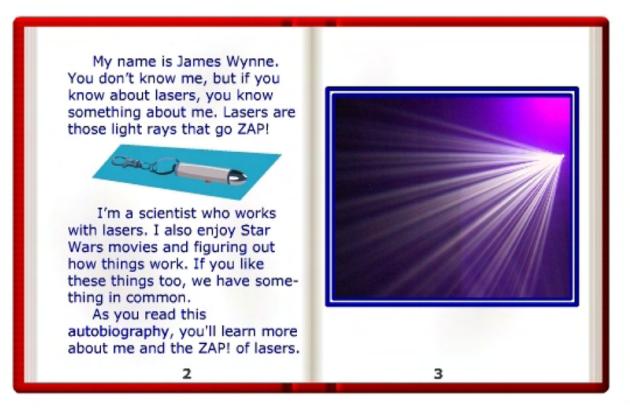
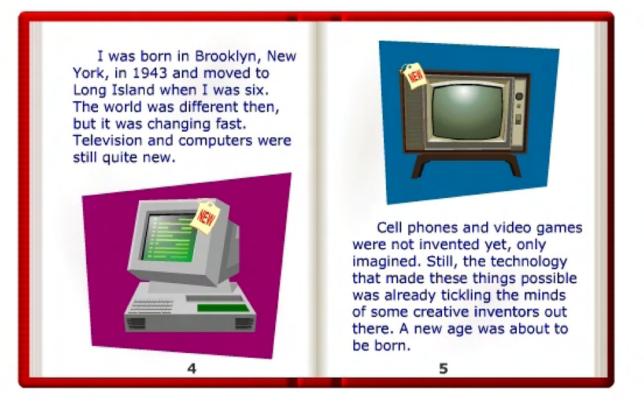
UNIT 14: Autobiography of James Wynne



Do you have any interests in common with James Wynne? I like Star Wars movies, too, and I'm interested in how things work. I don't know much about lasers, though. If I were going to use a Venn Diagram to compare my interests with James Wynne's, I'd put Star Wars and interest in how things work in the overlapping area in the middle. I'd put knowing about lasers in his circle. And maybe fixing bicycles on my side.

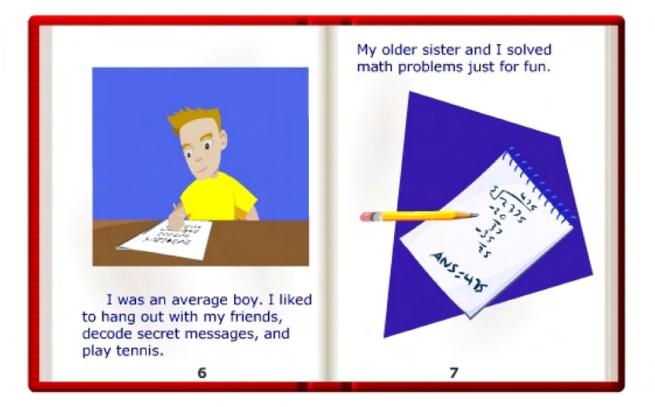


Can you tell in which year the writer moved to Long Island?

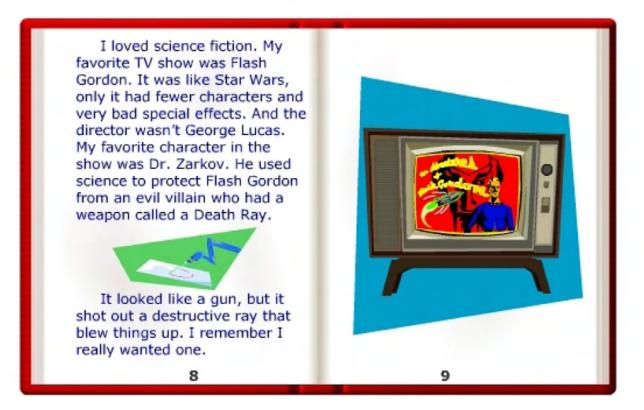




Can you find any differences and similarities in the way things were when Wynne was six and the way things are now? How might a Venn Diagram help you show those similarities and differences?



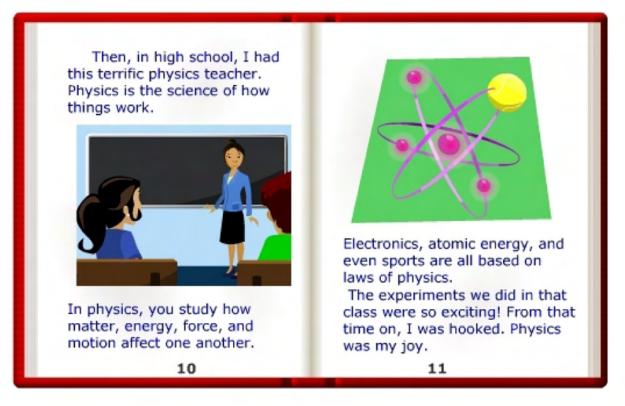
Which word here has a prefix that can help you break the word into meaningful parts? What do you think the word means?





Using your knowledge of prefixes and suffixes, can you tell what George Lucas does?

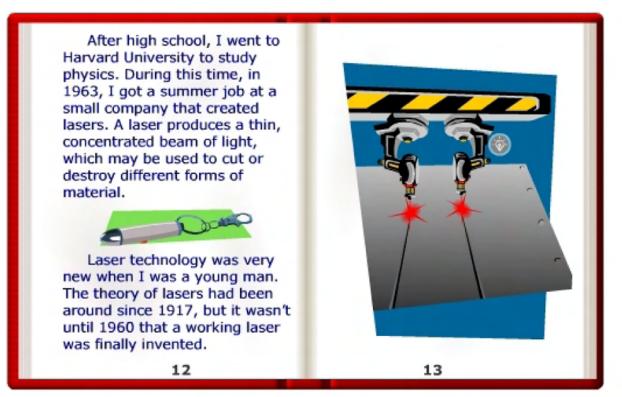
UNIT 14: Autobiography of James Wynne





What's your favorite subject at school? Do you think you will talk about it in your autobiography?

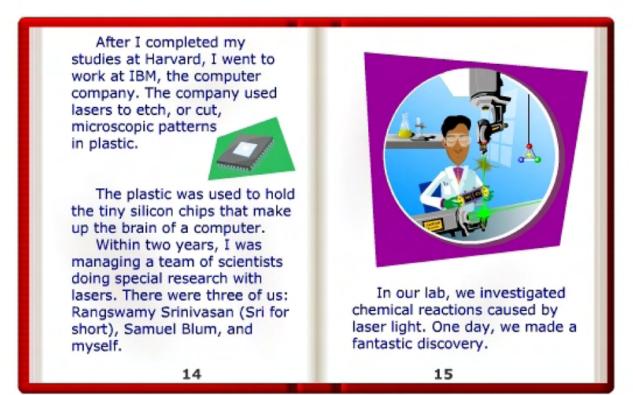
UNIT 14: Autobiography of James Wynne



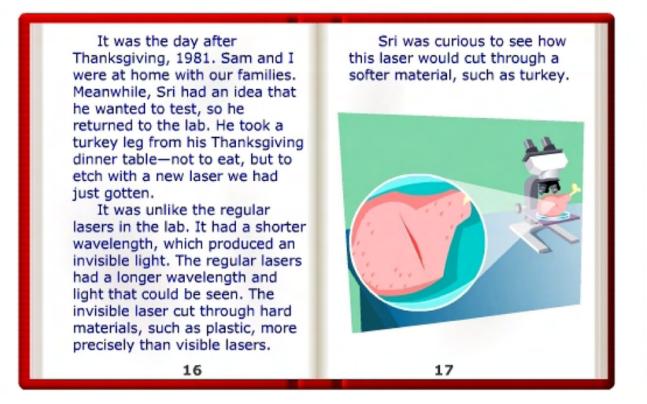


When do you think James got a job? Was it in 1963, or before or after, that year?

UNIT 14: Autobiography of James Wynne

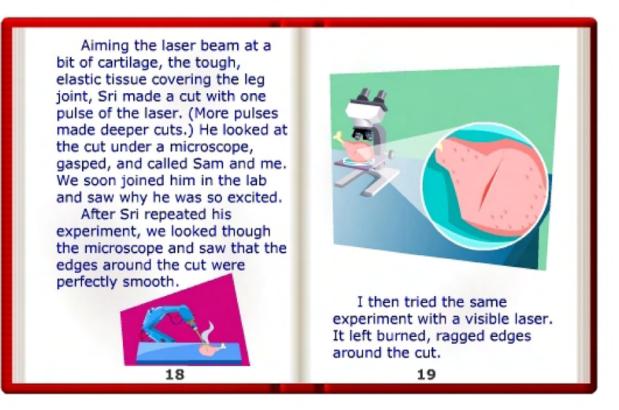


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The word "invisible" can be broken into smaller parts that help you read it and understand its meaning. If the prefix "in" means "not," what do you think "invisible" means?



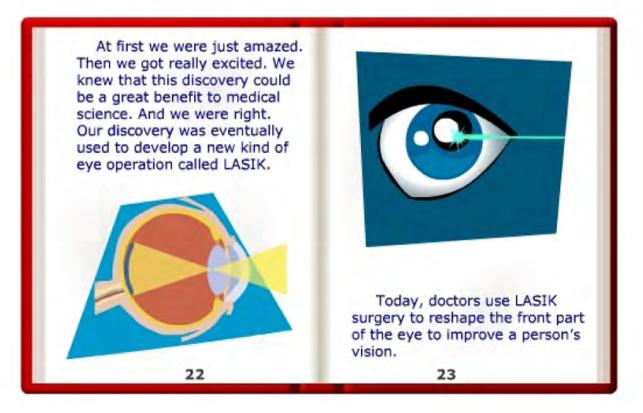


How might you make a simple Venn Diagram describing the cuts made by a regular, visible laser and the newer, invisible one?

I decided to take the experiment a step further and try it on human flesh-mine! Bracing myself against pain, I shot one pulse from the invisible laser into my bare finger. There was a pop, followed by a flash of light as the tissue on the surface of my finger vaporized. Yet, I felt no pain. We looked at my finger under a microscope. My finger wasn't deformed. There was just a shallow dent where the tissue had vaporized, and no burned tissue. The dent quickly healed, leaving no scar. 20 21



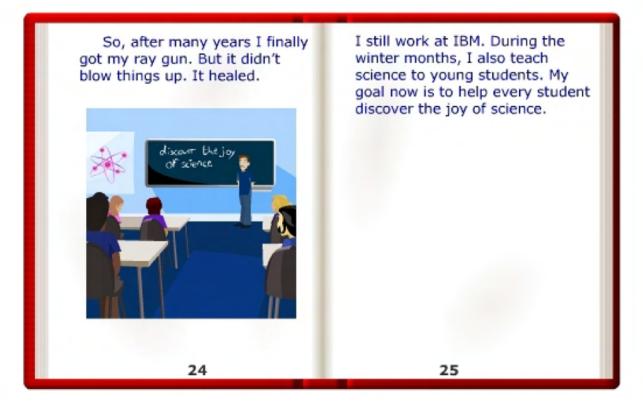
Why do you think James Wynne decided to try this part of the exx periment on himself instead of someone else?





The author says that their discovery was eventually used to develop a new kind of eye operation. Why do you think the discovery couldn't be used right away?

UNIT 14: Autobiography of James Wynne





Do you have a goal that you want to achieve?