

Kentucky

Practice Set

Grade 7

RE07925656243

Dagdeviren Work is Significant

Date	Comments	Version
4/20/20	Origination	1

P1-1

Uin:AAAYIP13820000180545 Form:20RD07SPONEN00000009 Clip:RE925656243 p.967

The author conveys his belief that the work of Canan Dagdeviren is significant because he wants there to be a different way of tracking health instead of having to go to the hospital. The text states, " Instead of trudging to the clinic or hospital for every checkup, a patient might be able to download data from a stick-on device and send it to the hospital." This shows how a patient could wear the health tracking sticker and download the information it collects and send it to the doctor instead of going to the clinic. The author also thinks that using the stickers could also capture more data so doctors will be able to see a pattern in the patients health . The text shows, " Usually, we take measurements like temperature or blood pressure at a single moment in time. But that may not tell the whole story. If a person is wearing a sensor, a doctor can study a stream of data and look for patterns." This explains how the stickers can capture patterns and be sent for doctors to study.

P1-2

Uin:AAAYIP13820000349343 Form:20RD07SPONEN00000009 Clip:RE925656243 p.427

The author conveys this by how he lists off the ways Canan's work has made things easier, usch as paragrapgh 10 and 11.

P1-3

Uin:AAAYIP13820000462447 Form:20RD07SPONEN00000009 Clip:RE925656243 p.1293

He conveys his belief by saying wearable electronics could constantly monitor vital signs, he also says that Canan Dagdeviren's work would allow for pacemakers to go without batteries. In paragraph 14 the author states, "Wearable, flexible electronics could make it possible to constantly monitor the body." Meaning her technology can allow for constant monitoring of vital signs. In paragraph 12, the author said, "Right now, pacemakers need batteries that have to be replaced every five to 10 years. Dagdeviren's system wouldn't need batteries." That explains how pacemakers wouldn't need batteries with Dagdeviren's system and how the author believes her work is significant.

P1-4

Uin:AAAYIP13820000315615 Form:20RD07SPONEN00000009 Clip:RE925656243 p.2674

it does because when his father gives him the book his father wants him to get
insperashin

P1-5

Uin:AAAYIP13820000382148 Form:20RD07SPONEN00000009 Clip:RE925656243 p.908

Author *Stephen Ornes* conveys his belief that *Canan Dagdeviren* is significant because *Ornes* says the patches have the potential to improve health care. In the text it states, "*Instead of trudging to the clinic or hospital for every checkup, a patient might be able to download data from a stick-on device and send it to the hospital.*" This quote supports that it can improve medical analazes which can lead to a healthier world.

P1-6

Uin:AAAYIP13820000203232 Form:20RD07SPONEN00000009 Clip:RE925656243 p.769

The author conveys his belief that the work of Canan Dagdeviren is significant because of multiple reasons. One reason why the author believes Canan Dagdeviren's work is significant is because the author states: "Instead of trudging to the clinic or hospital for every checkup, a patient might be able to download data from a stick-on device and send it to the hospital." This means that instead of having to constantly go to the hospital, you could stay at home and download data and then send it to the hospital. Another reason why the author believes that the work of Canan Dagdeviren is significant is because the text says: "As a graduate student, Dagdeviren studied with John Rogers in Illinois. She designed devices that could be used inside the body. Her inventions converted the movements of the lungs, heart and diaphragm into electricity. This technology might one day provide power to devices like pacemakers, which help keep up a steady rhythm." What the author is saying, is that the devices Dagdeviren designed could power pacemakers which help the heart keep a steady beat. Currently, the pacemakers need to have new batteries every 5 to 10 years, but with Canan Dagdeviren's technology, they might not need batteries in the future.

P1-7

Uin:AAAYIP13820000744657 Form:20RD07SPONEN00000009 Clip:RE925656243 p.2662

he believes that his work is significant because he has tested his thoughts and believes.As it says inparagraph 12.

P1-8

Uin:AAAYIP13820000688318 Form:20RD07SPONEN00000009 Clip:RE925656243 p.1325

Dagdeviren suspects piezoelectric materials could capture energy from movement in the human body .

P1-9

Uin:AAAYIP13820000282922 Form:20RD07SPONEN00000009 Clip:RE925656243 p.402

because she knows alot about science .she was a smart girl for her age she already new alot of about mass in more things some people didnt know about it

P1-10

Uin:AAAYIP13820000513299 Form:20RD07SPONEN00000009 Clip:RE925656243 p.1113

The author conveys his belief that the work of Canan Dagdeviren is significant by explaining the type of technology she's designing and how it will help people. The text says, "Right now, pacemakers need batteries that have to be replaced every five to 10 years. Dagdeviren's system wouldn't need batteries." This shows how her invention would help people by possibly making their pacemaker batteries last longer. The text also states, "Wearable, flexible electronics could make it possible to constantly monitor the body. Usually, we take measurements like temperature or blood pressure at a single moment in time. But that snapshot may not tell the whole story." This shows how her invention would make it a whole lot more accurate and easier to monitor your body.

**Kentucky 2022
Reading**

Practice Set 2

Grade 7

KY_RE07925656243

Dagdeviren Work is Significant

Date	Comments	Version
2/23/22	Origination	A

P2-1

AAAYIP13820000349661

He shows the difference that its made. "Our organs and our bodies speak to us,"
Dagdeviren says. "I use my devices to understand what they're saying."

P2-2

AAAYIP13820000052825

Stephen Ornes conveys his belief that the work of Canan Dagdeviren is significant by explaining what one of Dagdeviren's inventions can do to help in healthcare. In the passage Ornes states " Usually, we take measurements like temperature and blood pressure at a single moment in time. But that snapshot may not tell the whole story. If a person is wearing a sensor, a doctor can study a stream of data and look for patterns." Because the sensor can collect several peices of data from the body then doctors can progress even quicker on medical preblems.

P2-3

AAAYIP13820000332955

The author convey his belief that the work of canan dagddeviren is significant because she looked up to the girls husband who wrote the book and achieved her goals of doinng something better and it made a world wide change on how scientist work on energy in the body now.

P2-4

AAAYIP13820000389065

The author keeps talking about how good Canan Dagdeviren because he believes that she can inspire so many people. He says "our organs and our bodies speak to us," Dagdeviren says. "I use my devices to understand what they are saying. So I believe he thinks Canan is inspirational.

AAAYIP13820000300096

The author convey his belief that hard work of Canan Dagdeviren is significant because it says in the passage that him and his team designed electronic devices unlike anything apple store. But the iventions from Roger's lab are more high -tech stickers. These adhesive patches, crisscrossed with miniature wires stick to the skin for a week at at time.

AAAYIP13820000049603

The author conveys his belief that the work of Canan Dagedeviren is significant by stating in the text, "Wearable, flexiable electronics could make it possible to constantly maonitor the body." This shows that the author thinks that having a device that can track your health continuously over a period of time is more significant than going to the hospital to get a checkup at a single moment in time. The author also states in the text, "Dagdeviren's system wouldn't need batteries." This shows that the device is convientent because it doesn't need batteries. The author thinks that Canan Dagedeviren's work is significant by this quotes.

P2-7

AAAYIP13820000554102

He conveys his beliefs by stating all of the great reasons this came to be. He also supports it by saying her quotes about her work. He commonly agrees with her throughtout the passage and compliments her on her work. In the text it says, " Our organs and our bodies speak to us, I use my devices to understand what they're saying."

AAAYIP13820000217163

Well in the article it talks how in our body we have energy in our body. For example blood pressure, heart beating, lungs breathing is all ways how we have energy. Even when we're sleeping our body still send out energy.

AAAYIP13820000361772

The author conveys his belief that the work of Canan Dagdeviren is significant. I know this because in paragraph 12 the author states that "this technology may one day provide power to devices like pacemakers." This shows that the author believes in Dagdeviren's system/work and thinks that it could be a good way of providing power. Also in paragraph 14 the author shows his belief in Dagdeviren. He shows this by saying, "flexible electronics could make it possible to constantly monitor the body. usually, we take measurements like temperature or blood pressure at a single moment in time. But that snapshot may not tell us the whole story. if a person is wearing a sensor, a doctor can study a stream of data and look for patterns." This shows the author's belief in Canan Dagdeviren's work because, the author tells ways he thinks the Dagdeviren system could help make things easier to study and look for patterns.

P2-10

AAAYIP13820000696481

The author convey's his belief that the work of Canan Dagdeviren is significant by telling the readers all the inventions she's made and how she got started with wearable electronics. My evidence from the text in paragraphs 8-9 is "Canan Dagdeviren received a book about the scientist Marie Curie from her father... "I think my dad was thinking I would get inspiration from her... But when I read the book, I fell in love with her husband because he discovered the piezoelectric effect."" In paragraph 12 the text states "She designed devices that could be used inside the body." Those quotes of evidence supports my answer because it tells how she get her inspiration and her inventions.