



Class

Name

A Listen and check the words you hear in the video.



access

☐

medieval

☐

rapid

☐

academics

☐

B Listen again and write the words you hear from the video in the blanks.

A: Welcome back to the Human History Network. I'm joined by history professor Luis Widener of the People's Republic University. He's an expert on European history. Thank you for being here today, Professor.

B: Good to be here. Thank you for inviting me.

A: So, let's get right to it. How exactly did the Gutenberg 1. _____ change the lives of people living in 2. _____ Europe, and for the generations that came after this time?

B: Well, the invention basically brought an end to medieval Europe, and brought about the Scientific Revolution and the Enlightenment period.

A: I see, and how did the printing press help end medieval times and therefore cause these periods of 3. _____ progress?

B: Well, Gutenberg's invention helped to create widespread 4. _____. Before this, average people had to depend on the rich and powerful to read, write things for them, and to teach them things. But, with books being easily produced, anyone who wanted to read and learn could do so. This contributed to advancements in 5. _____, astronomy, philosophy,

politics, mathematics, medicine, 6._____, technology, and other areas, including society as a whole.

A: Interesting. So, what effect did a more educated and literate population have on society?

B: Basically, people became more equal in society. Before the population was educated, there were rich and powerful people such as kings, queens, landowners, and others, and then there was everyone else. But, with a more educated population, new groups in society were created. There were scientists, doctors, 7._____, artists, astronomers, and many more. Each generation after became a little bit more developed, and new inventions continued to be created based on information gained from the past.

A: Very interesting! It seems like the 8._____ mind of Mr. Gutenberg gave many people access to information and knowledge, and even changed human 9._____ forever. Hopefully, these 10._____ and human progress continue to revolutionize our thinking for the better. Thank you for joining us today, Professor!

B: My pleasure.

A: For the Human History Network, I'm Danielle Alvarez. See you next time!

© After listening to and watching the video, choose the best title for the video.

- Ⓐ The Rich and Powerful Ⓑ The Printing Press Ⓒ The Enlightenment



Class

Name

A Listen and write the synonyms for words you hear in the video.



civilization



continent



constant



preserve

B Listen again and fix the mistakes. Write the correct words from the video.

1. In the first part of my presentation, I discussed how salt has been an important commodity throughout human history. I mentioned some of its different uses and how it has been used in different places throughout many periods of history. I also described how it was used as money by different societies, and how it helped the Roman Empire shrink.

→ _____

2. Now, I'll explain how salt is still a critical part of our lives. It's very likely that everyone here stores and uses salt at home. Although most of us no longer view the deposit as money anymore, we still use some common words and well-known phrases that stem from the history of salt being used as money.

→ _____

3. For example, some people believe the salt payments that Roman soldiers used to receive as part of their pay is where the modern English word "salary" comes from. The Romans spoke a language called Latin and the word for a salt payment in Latin is "solarium argentum." Many teachers and historians think the Latin word "solarium" and the English word "salary" are related, and therefore the word "salary" comes from "solarium argentum."

→ _____

4. There's also a common expression in English that references the Roman soldiers' salt

payments. You may have heard someone say that someone or something “isn’t worth the salt.” Basically, this phrase refers to how a Latin soldier's salary was cut or preserved, if he didn’t do a good enough job to earn his salt payment.

→ _____

His commanders would say that he “was not worth his salt” and pay him less.

5. As we can see through these historical and modern examples, salt was – and still is – a very important thing to people on every landmass.

→ _____

I hope you’ve found this presentation about salt and the Roman Empire interesting. Thank you for listening.

© After listening to and watching the video, choose the best title for the video.

Ⓐ English and Latin

Ⓑ The Romans

Ⓒ Salt Payments

Class

Name

****AR contents are provided for this unit**

A Listen and check the words you hear in the video.



episode

☐


avoid

☐


heart

☐


chest

☐

B Listen again and write the words you hear from the video in the blanks.

Hey, guys! It's me, Paul. Welcome back to the Fit-Tech Forever Podcast. Before the break, we were talking a little bit about the 1._____ of voluntary muscles so that we can understand how to build them to become stronger. We learned that they are made up of many small, thin, long tissues tightly packed together. This is similar to how the 2._____ in a rope are tightly packed together, which makes it stronger. We also learned that the cells that make up muscle 3._____ have the special ability to get smaller or longer together. Getting smaller or longer is how our muscles move things.

Similar to how a 4._____ needs to be connected to something before it can be pulled, many of our voluntary muscles are connected to our 5._____. Voluntary muscles that are connected to the bones in our skeleton are called skeletal muscles. Skeletal muscles are connected to bones by a special, strong tissue called a tendon. Tendons pull on bone and help the 6._____ in the muscle tissue to get smaller or longer to move things. Bones and 7._____ also give our body its shape and help us to move. We are able to lay down, sit down, stand up, jump, run, and dance because of our bones and muscles working together. Now that you know exactly how your bones and muscles work together, how do we get 8._____ and stronger?

Exercise is obviously one really important thing. But, it's only one piece of the puzzle. You

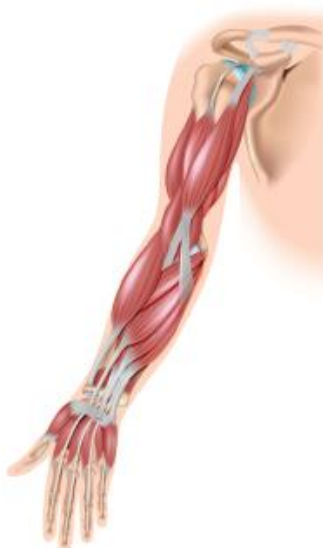
also need to eat enough healthy food, drink lots of water, and get enough sleep and rest. A personal trainer, doctor, or another trained 9._____ can give you advice about how to safely get healthier and stronger.

Well, that's it for today's 10._____. I hope you learned something, and I'll see you next time.

© After listening to and watching the video, choose the best title for the video.

- Ⓐ Healthy Foods Ⓑ Working Together Ⓒ Bones and Muscles

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Class

Name

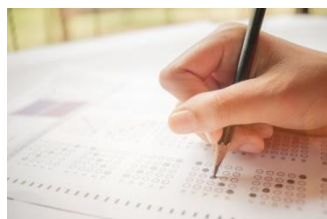
A Listen and write the synonyms for words you hear in the video.



tighten up



uncontrollably



exam



suggestion

B Listen again and fix the mistakes. Write the correct words from the video.

1. **A:** Hello, Joe. Good to see you again. Are you still having those muscle spasms?

B: Hi, Doctor Lee. Good to see you, too. I'm doing much better than last time. No more muscle spasms.

A: That's bad to hear. So, my advice worked then, huh?

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B: Right. I started doing all of the things you suggested last time. So, I started to stretch more, take a multivitamin each day, and drink plenty of water.

2. **A:** I see. So, the muscle spasms stopped right away?

B: Well, no. I still had that weird vibrating feeling in my arms for a few days, but it wasn't as bad as before. After I finished all of my final tests, I was able to get a lot less rest.

→ _____

I made sure I slept for at least eight hours a day, just like you said. After a few days of good rest, the muscle spasms totally stopped.

3. **A:** That's good to hear. It's important to continue to do these things, even after you feel

better. You have to exercise regularly, eat healthy food, drink lots of water, and get enough rest so that all of your bodily systems function properly. So, don't just do these things when you don't feel healthy, but try to do a mixture of them all the time.

→ _____

4. **B:** Yeah, I guess I should try to take better care of my health from now on.

A: Definitely. You're still younger, but if you take good care of your anatomy now, you will have a much easier time taking care of yourself when you get older.

→ _____

B: Right, that's what my grandpa always says, too.

5. **A:** Words of wisdom! It takes some getting used to, but if you access healthy habits at a young age, you will be used to that lifestyle when you start getting old.

→ _____

B: Alright. I'll make sure I keep up my healthy habits. Thanks again, Doctor Lee.

A: Great. Take care, Joe!

C. After listening to and watching the video, choose the best title for the video.

☐ (a) Words of Wisdom

☐ (b) Healthy Habits

☐ (c) Muscle Spasms



Class

Name

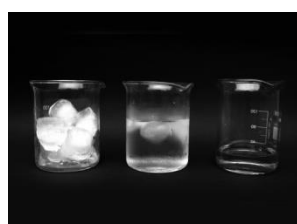
A Listen and check the words you hear in the video.



graphite

☐


three dimensional

☐


substance

☐


flexible

☐

B Listen again and write the words you hear from the video in the blanks.

Welcome back to LJF News. I'm your host, Maya Oh. In part one of this evening's special report, we talked about graphene. We learned about some of its special and unique 1. _____. In part two of our special report, we'll look at how it can be used both now and in the future.

Since graphene was 2. _____ not that long ago, we're still learning a lot about it. Scientists all around the world are studying its properties and trying to think of ways to use it. Companies are also looking into how they can use this special 3. _____ to make products that people need. Every year, there are new discoveries about how graphene's 4. _____ properties can be used.

Graphene can improve how existing 5. _____ work. For example, graphene could be used to make better rechargeable batteries. It can recharge quicker than some of the existing materials that are used in rechargeable batteries. There's another use for 6. _____ that could improve something that billions of people around the world use: shoes. Shoes made using graphene would be much better than the shoes that we currently wear. This is because graphene is stronger and more 7. _____ than the materials used in shoes today.

Graphene could also be used to make products do totally new things that they can't currently do. It could also be used to make new inventions. For example, because of its 8._____ shape, the holes between graphene 9._____ are smaller than most other materials. So there could be a new kind of water filter that can clean dirty water and even turn saltwater from the ocean into fresh, clean, drinking water. Another possible type of new product would be 10._____ for smartphones, tablets, and TVs that can bend. This is because graphene has the property of being hard, but also flexible.

It won't be long until it's all systems go for graphene to be used more in our daily lives. Thank you for watching. For LJF News, I'm Maya Oh.

© After listening to and watching the video, choose the best title for the video.

- Ⓐ A Special Substance Ⓑ Special Shoes Ⓒ Special Screens



Class

Name

A Listen and write the synonyms for words you hear in the video.



aware



remarkable



shell



coincidence

B Listen again and fix the mistakes. Write the correct words from the video.

1. Welcome back to the National Nature Network. I'm your host, Victoria Cruz. Tonight, we're looking at literacy in civilizations.

→ _____

In the first part of the program, we talked about how shapes are everywhere we look in nature. We also learned that nature seems to prefer the shape of a hexagon. Now, we'll look at how and why there are so many hexagons in nature.

2. Let's start to answer this question by thinking about one of the most well-known examples of hexagons in nature: the honeycombs in a beehive. Bees have a brain about the size of a small seed, so we can probably say that they aren't intelligent enough to decide to make hexagons. But, if bees aren't mindful that they are deciding on a certain shape, then why do they know how to make hexagons?

→ _____

3. The goal of the honeycombs in a beehive is to cover a flat surface without wasting any space. Bees use wax to make honeycombs. Actually, when they are first made, honeycombs

have more of a circle shape than a hexagon shape. As the wax cools down and multiple combs fit together to cover a flat surface, they change into a hexagon shape. But, why a pentagon? Is it just an accident?

→ _____

4. Why not a triangle or a square shape? The reason is, when many of the same shape are used to replace a flat surface, hexagons are better than any other shape at covering a flat substance without wasting any space.

→ _____

When they fit together, hexagons are also more stable than triangles or squares.

5. The need to cover a surface without wasting any space, while remaining strong, is common in nature. Rocks, the eyes of a fly, and many other living and non-living things in nature need to do it. This is probably why hexagons are a dime a dozen in nature. Since they are so common, it's not really a question of intelligence, but simple math.

We hope you enjoyed tonight's podcast on geometry and shapes in nature, and we'll see you next time.

→ _____

C After listening to and watching the video, choose the best title for the video.

a Pentagons

b Hexagons

c Polygons



Class

Name

A Listen and check the words you hear in the video.



release

☐


memory

☐


offer

☐


mental

☐

B Listen again and write the words you hear from the video in the blanks.

Alright ladies and gentlemen, in the next part of my presentation, I'll explain to you how some of the new medicines made by the LTMPCC Medicine Company work. First, they work with all types of 1._____ that are caused by environmental factors. Second, they also work with illnesses that are caused by our 2._____.

In the past, companies would make certain types of medicine and doctors would give this medicine to people who needed it. The medicine was always made with the same amount of chemicals, and 3._____ would tell people how much to take. This was the old way.

However, the LTMPCC Medicine Company is opening the door to a whole new world in the 4._____ of medicine. We don't just make one type of medicine that works the same for everyone. We make a new type of 5._____, which is made up of different kinds of chemicals and is given in different amounts. The kinds of chemicals and amounts that are needed are decided by each person. We're all different, even though we may share some of the same environmental 6._____. Most of us also have completely different genes, or we may have some of the same factors in our genes, and have different environmental factors, as noted in the example I gave before.

For instance, a person could have a 7._____ with their heart. It could have been passed on to them through their 8._____. But, if they eat healthy food and exercise – which are environmental factors – maybe it won't be a problem for them. Maybe they just need a low dose of medicine at times to help keep their 9._____ working well. However, if another person with the same heart condition never exercises and eats unhealthy food all the time, they have different environmental factors affecting their 10._____. Therefore, they might need a higher dose of medicine more often, as well as lifestyle changes, to prevent them from having a heart attack. This is what's called "personalized medicine", and LTMPD has made several incredible discoveries in this area.

To learn more about our personalized medicine products, please come see me after the presentation, or go to our website to find out more. Thank you for listening today, and remember to be healthy.

© After listening to and watching the video, choose the best title for the video.

- Ⓐ Types of Healthy Foods Ⓑ Types of Illnesses Ⓒ A New Type of Medicine



Class

Name

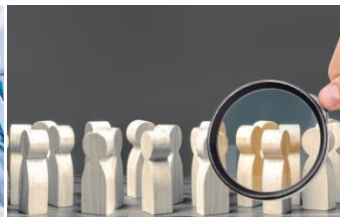
A Listen and write the synonyms for words you hear in the video.



path



surgery



situation



determine

B Listen again and fix the mistakes. Write the correct words from the video.

1 In part two of my presentation today, I'll tell you about how I became an award-winning journalist. My dream job was to be a professional baseball player. I was a pitcher for my college team, but I suffered from a terrible injury in my shoulder. I needed an operation, and the doctor told me I could never play soccer again.

→ _____

2 This was a sad time for me. I hadn't thought about anything other than being a professional baseball player. After my back surgery, I had to think about a new job for the first time.

→ _____

So, I talked to some people who I trusted. One of them said I should be a baseball coach.

3 After I heard this, I started thinking more about all of the different jobs that are related to professional baseball. There are personal trainers who help the players stay healthy. Equipment managers take care of the bats, helmets, and other equipment. Sports coaches help the players find a group to play for, and also help with salary decisions.

→ _____

TV announcers call the plays in the games, and journalists write about them. That's when it hit me. I love baseball and I love writing, so I decided to become a sports journalist.

4. It wasn't easy to suddenly change careers. I had to change what I was studying in college, and study for two extra years. After college, I couldn't find a job, so I took an advancement.

→ _____

I kept working and following the career path that I was interested in. Eventually, I won an award for the Best Sports Journalist of the Year!

5. So my advice to you is to find something that you're interested in. Think about what your dream job is. Think of all the different jobs that are related to your dream job and make a list of them. This is a good start to planning your challenge.

→ _____

Finally, talk to people you trust about your ideas. Good luck!

© After listening to and watching the video, choose the best title for the video.

Ⓐ Dream Jobs

Ⓑ Sports Journalism

Ⓒ Baseball Players