Insight Link L4

Background Link PPT



Lesson 1

https://www.sciencelearn.org.nz/image_maps/4-water-solid-liquid-and-gashttps://

→ State of Water

https://www.youtube.com/watch?v=xYU7RSoOZ0U

 \rightarrow Change of state

Lesson 2

https://www.youtube.com/watch?v=rI-90uuLDPk (3:47~)

→ What If There Were No Rain for 50 Years?

Lesson 3

https://www.youtube.com/watch?v=AqpBzm KcH0 (~1:00)

→ Chopin and George Sand in Valldemossa

Lesson 4

https://www.youtube.com/watch?v=4HZ1TZ1PcDI

→ First Umbrella Fashion Show (1956)

https://www.youtube.com/watch?v=BcJCU7SBjUw

→ Hand free umbrella Latest technology umbrella and raincoats for rainy season



Background Link

Water has no taste, smell, or color. It can be in three different states depending on the temperature: solid, liquid, or gas. Write down each state of water in the blanks.



ice 1.



losing heat gaining heat

Key Words 🙉

wonder source form experim

experiment pour

vapor

Vocabulary Worksheet → p. 113

When water vapor cools down, it becomes a liquid. This is called condensation.

When water boils, it becomes a gas in the air.
This is called evaporation.

water 3.

biupil. £ sep \(\) bilos \(\) snewarA





Chopin's Musical Raindrops

Background Link

Chopin was famous not only for his musical talents but also for his love story. What do you know about Chopin and his beloved George Sand?



Frédéric Chopin (1810–1849)
Chopin was born in Poland, but at the age of 21, he moved to Paris, France. He was a great composer and an excellent pianist.



George Sand (1804–1876)
Amantine Dupin was her real name, but she used "George Sand" as a pen name.
Chopin loved her in his later years.



accomplished compose suffer damp insist imitate

Vocabulary Worksheet → p. 115





Which person in the bottom painting do you think is Sand? Surprisingly, she often dressed like a man.

q:Jawsuy





Lesson 5

https://www.youtube.com/watch?v=M0Jc4sP0BEE

→ An Introduction to the Orchestra for Children

Lesson 6

https://www.youtube.com/watch?v=96O82Uh5lQo

 \rightarrow Braille smartwatch for the visually impaired

Lesson 7

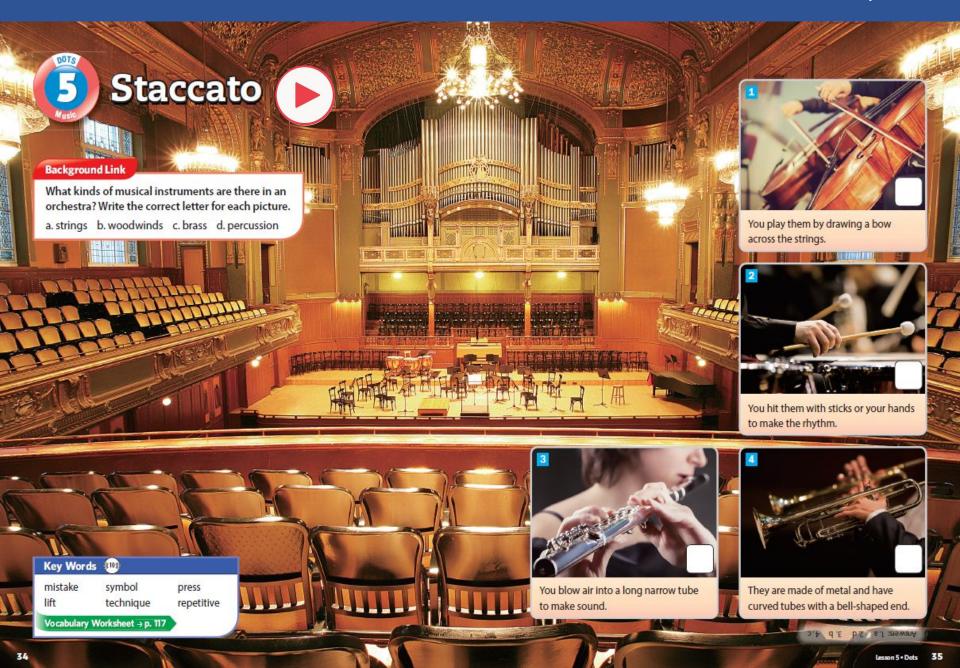
https://www.youtube.com/watch?v=ai-IsikBfSo

→ Australia Introduction Photo Story for Teachers

Lesson 8

https://www.youtube.com/watch?v=GCQE1U2EQ_4

 \rightarrow How Color Blind People See the World



Reading by Touching

Background Link

Have you noticed special dots on sidewalks or on subway platforms? What do you think they are for?





Dotted blocks on sidewalks mean "stop" for the blind. Striped blocks mean "keep going."

Dots on elevator buttons tell which button is for emergency calls and which ones are for going up or down.



Automated teller machines (ATMs) have dotted keypads.

Key Words (12)

Infection communication similar arrangement publish recognize

Vocabulary Worksheet → p. 118

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The Dot Paintings of Aborigines

Background Link

Have you ever been to Australia? What do you know about the country?



Australia is a large island country in the southern part of the world. Its capital is Canberra.

Perth

A U S AUSTRALIA

Albany

SOUTH AUSTRALIA

Adelaide VICTORIA Canberra

NORTHERN

TERRITORY





Kangaroos and koalas are unique to this country.

W. 30 1.





The Sydney Opera House and the Sydney Harbour Bridge are famous places to visit.

Key Words (14)

native theory represent temporary encouragement feature

Vocabulary Worksheet → p. 119



Native Australians have lived on this land for over 65,000 years. They are called *Aborigines*.



A Test for Your Eyes

Background Link

Some people can't see colors correctly. Write the correct letter for each picture.



John Dalton (scientist) (1766–1844)

He could only see blue and yellow clearly.



Claude Monet (artist)

(1840-1926)

In his later days, he had eye problems. The world looked blue to him.





Neil Harbisson (artist)

(1984 -)

He sees things only in black and white.



notice v

vision common numerous difference

Vocabulary Worksheet → p. 120









6.6 J. L J. C 3.8



Additional Material Information

Lesson 9

https://www.youtube.com/watch?v=e3 hZVagQQA

ightarrow What are the Olympics? (Educational Cartoon for Kids on the Olympics)

https://www.youtube.com/watch?v=uSf7-LsmU3Y

→ All About the Olympics for Kids - The History and Symbols of The Olympics

Lesson 10

https://www.youtube.com/watch?v=LWOgCHT1Hr0

→ Magnificent Frigatebird

https://www.youtube.com/watch?v=zPcPk3OUUvI

→ Peacock Love Call

https://www.youtube.com/watch?v=0NKlil_WJsk

 \rightarrow Deer Fight

https://www.youtube.com/watch?v=eDOo8SCE1jU

→ Guppy's Different Mating Behaviors

Lesson 11

https://www.youtube.com/watch?v=nbQp2qMHpEg

→ Fauvism Works Overview

https://www.youtube.com/watch?v=DSZMIfm1Ln0

→ Cubism Works Overview

Lesson 12

https://www.youtube.com/watch?v=iMzNPEHNxcc

→ Olympian Goddesses of Ancient Greek Mythology



The Angient Greek Olympics





Background Link

The Olympic Games are a sports competition for athletes from around the world. Have you ever watched the Olympic Games? What do you know about them? Fill in the blanks with the words from the box below.

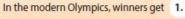
four

marathon

Greece

medals





. There are three different

types according to place: gold, silver, and bronze.

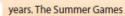


originate citizen worship compete remind participate

Vocabulary Worksheet → p. 121



The Olympic Games are held every 2.



and Winter Games alternate, and are two years apart.



The Olympic flame is lit in Olympia, 3. Olympic Games began.

. It's where the ancient



The **4.** comes from a story of an ancient Greek messenger. He ran from Marathon to Athens, in Greece, to announce the defeat of the Persian army.

Answers: I. medals 2. four 3. Greece 4. marathon





A male frigatebird puffs out his bright red pouch. Females are attracted to males with larger pouch.



A male peacock shows off his beautiful feathers.



Male deer use their antlers to battle one another for females.

Key Words (20)

behavior attract prefer show off prove poisonous

Vocabulary Worksheet → p. 122



A male guppy dances with his long, beautiful tail.



Matisse and Picasso: Rivals and Friends

Background Link

In the early 20th century, modern artists tried new ways to change art. Two of the most famous movements were Fauvism and Cubism. Write F (Fauvism) or C (Cubism) for each painting on the right.



Fauvism

- · They used strong and vivid colors.
- They painted images simpler than reality.
- · Henri Matisse (1869-1954) was a famous fauvist.



Cubism

- They broke a subject into many pieces. The pieces showed views from different angles.
- They painted objects in an abstract way.
- Pablo Picasso (1881–1973) was a popular cubist.







▲ The Weeping Woman, 1937



▲ Woman with a Hat, 1905



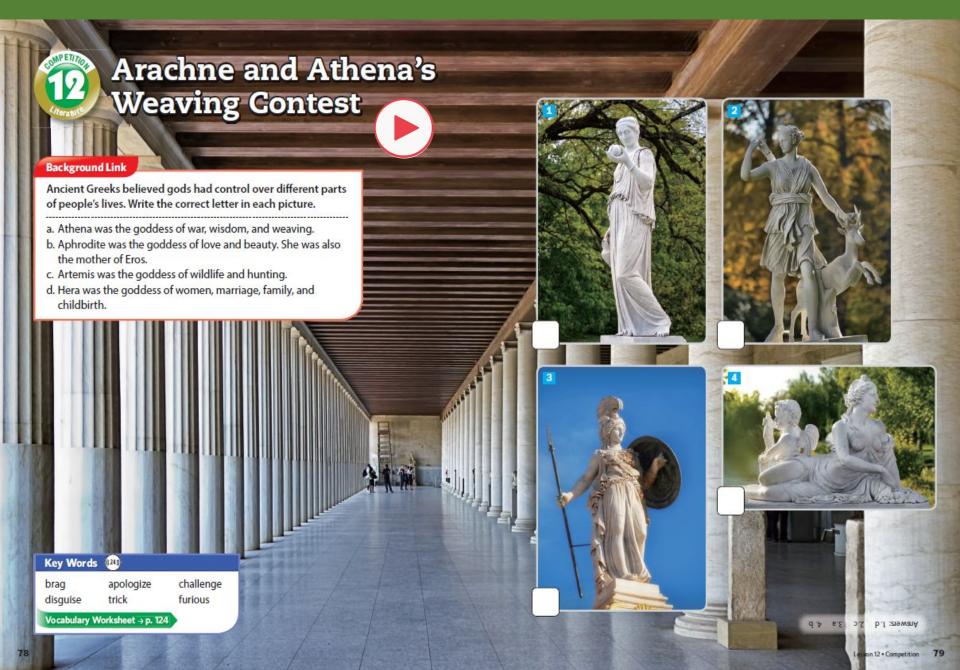
▲ Music, 1939



▲ Girl before a Mirror, 1932

Answers: 1. C 2.F 3.F 4. C







Lesson 13

https://www.youtube.com/watch?v=IBLyLAGH9Bs

→ How To Prepare and Launch Sky Lanterns

Lesson 14

https://www.youtube.com/watch?v=3YSqTARkhBA

→ Great Pacific Airshow 2018 (HB Airshow)

Lesson 15

https://www.youtube.com/watch?v=Iro2OT9ygBA

 \rightarrow The Gear Firefighters Wear

https://www.youtube.com/watch?v=iQ3W 1kjdPk

→ Top 5: New car safety innovations

Lesson 16

https://www.youtube.com/watch?v=t7Q7y xjR5E

→ Air Pollution Video for Kids - Causes, Effects & Solution

https://www.youtube.com/watch?v=sAKyhfxxr7s

→ Air Pollution for Kids



Air in Motion



Background Link

Air is a kind of gas. It moves all the time and in all directions. Let's talk about how air moves in three different situations.



Q1: Why do big balloons get small the next day?

A1: Air constantly moves out of the balloon through its surface.



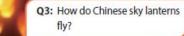
Q2: How do you make a table tennis ball get its shape back?

A2: Putting it in hot water will make the ball round again.



invisible constantly stretch swell up shrink expand

Vocabulary Worksheet → p. 125



A3: Air becomes more active when heating up and lifts the lanterns up.

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Amazing Air Shows



Background Link

Is it fun to fly or be high in the air? If you could try one of the activities shown here, which one would you choose? Why?



hot-air ballooning



bungee jumping







Key Words (28)

display vary purpose promote worth thrilling

Vocabulary Worksheet → p. 126



The Growing Danger of Air Pollution

Background Link

Air pollution is gas, dust, and smoke floating in the air. Things that pollute the air are called *pollutants*. What human activities create pollutants?





Burning fossil fuels is one of the major causes of bad air. People use a lot of fuels to power their vehicles and to heat houses.



Construction activities, such as clearing land or paving roads, often create high levels of pollutants.

Key Words 1320

particle produce comparison lung cause deadly

Vocabulary Worksheet → p. 128

Factories and power plants release dangerous chemicals into the air.