

SS6G9 The student will explain the impact of location, climate, natural resources, and population distribution on Europe

- a. United Kingdom and Russia
- b. Germany and Italy



ngdom



United Kingdom

Location

- Off the coast of mainland Europe in the Atlantic Ocean
- Location makes it a hub for trade with other countries
- Made up of Great Britain, Northern Ireland, Scotland, & Wales



United Kingdom

Climate

- **Moderate climate** with rainfall
- **Gulfstream keeps weather mild**
- **Mild summers, cool winters**
- **Good for farming**
- **Has seasons**

Natural Resources

- **Coal, Petroleum**
- **Natural gas, Iron ore**
- **Gold, zinc, and lead**
- **Tin, limestone, salt, clay, chalk, gypsum, potash, sand, and slate**
- **Arable (good for growing crops) land**
- **Half land used for farms**

Gulf Stream



United Kingdom

Population:

- Most citizens live in cities
- London has over 7 million people
- Most people work in **service industry jobs**:
 - Tourism
 - Health care
 - Education
 - Banking
 - Insurance

Your turn

- What have you just learned?
- 1's talk to the 2's for 30 seconds
- then the 2's talk to the 1's for 30 seconds



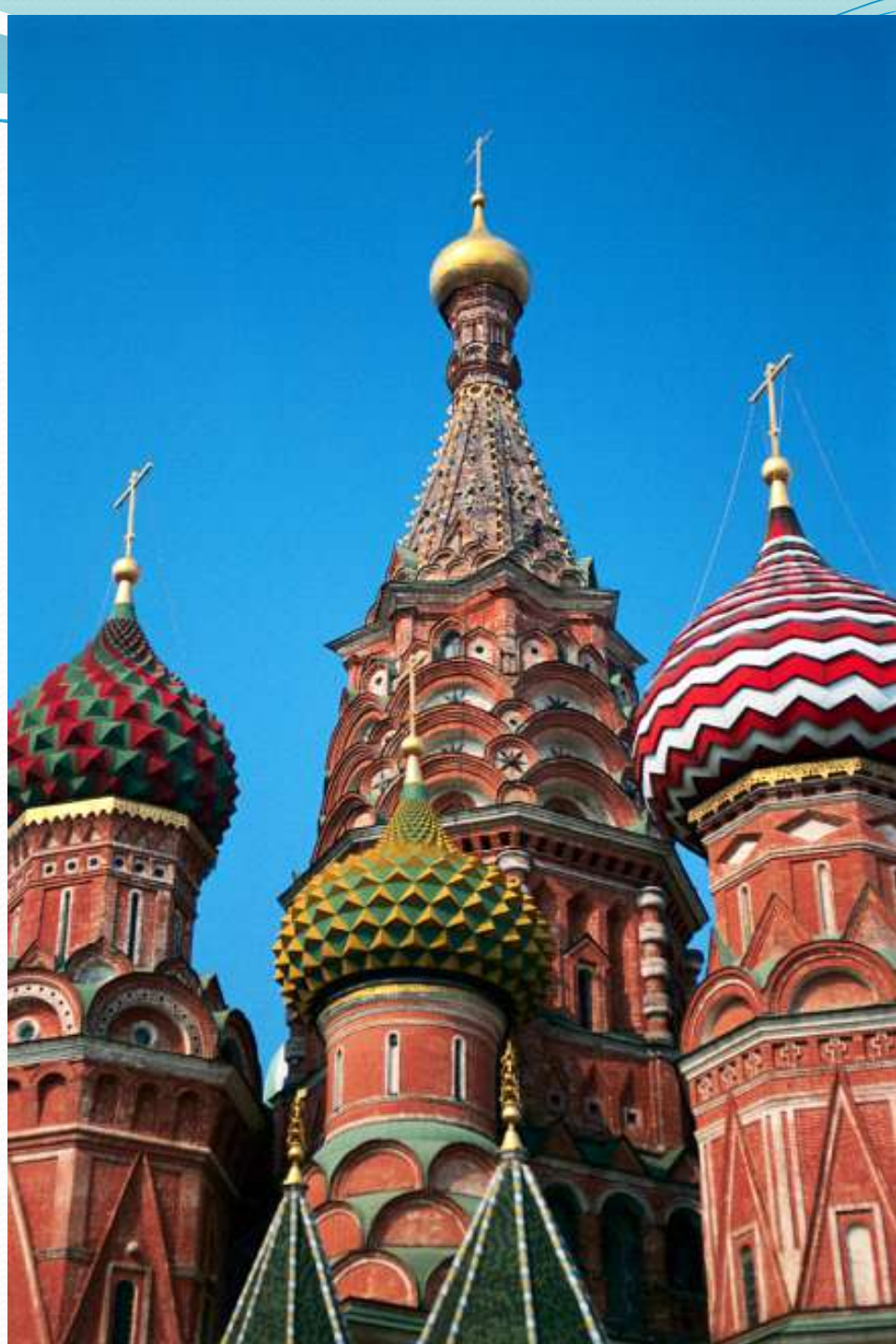
Russia



Russia

Location

- Spans **two continents**; **eastern Europe** and **northern Asia**
- Shares a border with **15 other countries** including China, North Korea, Finland, Norway, Poland, and Ukraine
- **Eastern border** is the **North Pacific Ocean**
- **Northern border** is the **Arctic Ocean**





RUSSIA

Russia

Climate

- Has only two seasons: winter and summer
- Harsh winters
- Ground is called **permafrost: permanent frozen ground**
- Siberia temperatures at -40 degrees.
- Western part of country is warmer

Natural Resources

- Forests for lumber
- Gold, aluminum ore
- Coal & iron, minerals, other metals
- Volga River largest in Europe- source of **hydroelectric power for industry**
- Plenty of oil and gas in Siberia and Asian Russia- **hard to reach**
- Only 10% of land is arable

Russia

Population:

- **Most people live in the west. The climate makes it difficult to live in the east.**
- **Larger cities like Moscow are in the west.**
- **More jobs are located in the west.**
- **143.5 million (2013)**

Your Turn 3-2-1

- 3 – types of Russia's natural resources
- 2 – Russia's two seasons
- 1 – fact about Russia's population



Germany



Location

- Centrally located on the European Plain
- Germany is about the size of South Carolina, Georgia and Alabama combined.
- Land is generally **three zones**; Alps Mountains in the south, hilly to mountainous in the middle, plains in the north.
- Rhine River important to trade (over 800 miles long)
- Great highway system (Autobahn)
- Eight major sea ports
- Fourteen airports



Germany

Climate

- Marine climate
- Gulf Stream warms the region
- Enough rainfall to produce good crops
- Bavarian Alps have a climate that changes with their altitude
- Eastern Germany is further from the sea and has longer, colder winters and hot, dry summers

Natural Resources

- Iron ore, coal and potash
- Uranium, nickel, natural gas and copper
- Timber
- Rhine River used to transport goods
- 1/3 of land is arable

Germany

Population:

- Most people live in the west along the Rhine River where there are large industrial areas (more jobs)
- Most people live in urban areas
- Berlin – largest city
- Most densely populated country in the European Union



Mini quiz – no groaning, whining, or complaining!

- On the piece of paper, you did your quick write yesterday, write 1 – 4
- No grade – just try hard!

1

- Germany is located
 - A. On the southern side of Russia
 - B. Centrally on the European Plain
 - C. On the same island as the United Kingdom
 - D. High in the Ural Mountains

2

- The reason that the Germany's climate is relatively mild is
 - A. because they have a huge blower that blows hot air
 - B. because of the Siberian Stream
 - C. because of Global Warming
 - D. because the Gulf Stream warms the region

3

- The word '**arable**' means
 - A. Able to do something
 - B. Farmable land
 - C. Something that can fly (aero)
 - D. Land that is reserved for manufacturing

4

- Which statement about Germany's population is TRUE?
 - A. Most people live in the west along the Rhine River where there are large industrial areas (more jobs)
 - B. Most people live in the south near the Alps Mountains where there are large industrial areas (more jobs)
 - C. Germany is not a very populated country, but those who do live there live in Eastern Germany
 - D. Because of the accessibility to the water, most Germans live in the north near the North Sea and Baltic Sea.



Ready? How much do you know?!

1

- Germany is located
 - A. On the southern side of Russia
 - B. **Centrally on the European Plain**
 - C. On the same island as the United Kingdom
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2

- The reason that the United Kingdom's climate is relatively mild is
 - A. because they have a huge blower that blows hot air
 - B. because of the Siberian Stream
 - C. because of Global Warming
 - D. **because the Gulf Stream warms the region**

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- Which statement about Germany's population is TRUE?
 - A. **Most people live in the west along the Rhine River where there are large industrial areas (more jobs)**
 - B. Most people live in the south near the Alps Mountains where there are large industrial areas (more jobs)
 - C. Germany is not a very populated country, but those who do live there live in Eastern Germany
 - D. Because of the accessibility to the water, most Germans live in the north near the North Sea and Baltic Sea.



Italy

Location

- Located on **long, boot-shaped peninsula**
- Surrounded on **three sides by Mediterranean Sea**
- Shares border with France, Switzerland, Austria and Slovenia
- Include islands of Sicily & Sardinia
- **8 major seaports for trade**



Italy

Climate

- **Mediterranean climate**
 - Rain is rare in summer
 - Cloudy and rainy winters
- **Alps block cold air**
- **Sahara Desert sends dry air into Italy**
- Mountain area climate changes with altitude
- **Northern Italy has enough rain for growing crops**



Italy

Natural Resources

- Natural gas, marble, and granite
- Coal, mercury, zinc and potash
- Arable land=grapes & olives
- World's top wine maker
- 50,000 Italians are fishermen
- Anchovies, sardines, sponges and coral exports
- Most raw materials imported

Italy

Population:

- Half the people live in Northern Italy
- Most people live in urban areas around Naples, Rome, Milan, and Turin
- Twice the size of Georgia but has 7 times as many people
- Capital and largest city is Rome



Things to think about . . .

- If Italy is about twice the size of Georgia but has 7 times as many people, which has the higher population density?
- What industry is supported by Italy's shape?
- What climate features contribute to Italy's agriculture industry?