

The Ohio Inventors Box

Activity: Inventor Trivia Challenge

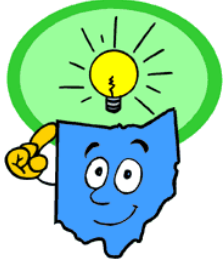
Instructions and Inventor List

Instructions: (Using the two large blue foam dice included)

1. Break students into 5 manageable groups of 4 or 5.
2. Have a designated dice roller for each team.
3. Student will roll both dice, one will represent the chosen inventor and the other will represent the chosen question from the question list.
4. Teacher will ask the selected group the question that has been selected.
5. The team leading after three rounds will be declared the winner.
6. If the dice lands on a combination which has already been rolled, the group will need to roll again.

Inventor List:

1. Granville Woods
2. Charles Kettering
3. Garrett Morgan
4. Wright Brothers
5. Thomas Edison
6. Group choice of inventor



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Question Sheet to correspond with inventor list

Granville Woods (Number 1 Dice Roll)

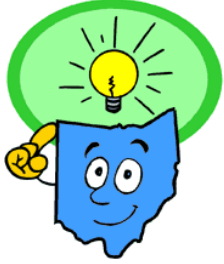
1. How many patents does Granville Woods hold? (60)
2. What Ohio city did Granville Woods call home until his 10th birthday? (Columbus)
3. Most of Woods' inventions were to assist street cars or _____, another mode of transportation. (Trains or Railcars)
4. Woods' is often compared to what other Ohio inventor? (Edison)
5. In 1885, Woods' combined these two technologies two devices to create the Telephony. (telephone and telegraph)
6. What was Woods' highest level of completed education? (Elementary)

Charles Kettering (Number 2 Dice Roll)

1. He was head of research for this present day automobile manufacturer for 27 years _____(General Motors)
2. It is said that when he built his house in 1914, it was the first house with _____, that's cool! (air conditioning)
3. Kettering was born in this Ohio city _____ (Loudonville)
4. Kettering graduated from this Ohio college _____ (Ohio State University)
5. Kettering first struggled in school due to his poor _____ (eyesight)
6. Kettering has many _____ named after him due to his many contributions (Schools)

Garrett Morgan (Dice Roll 3)

1. Garrett Morgan was born in this state, just south of Ohio. _____ (Kentucky)
2. Morgan lived in two Ohio cities; both of them have major league baseball teams _____ (Cleveland and Cincinnati)
3. What was Morgan's most recognized invention? (street or traffic light)
4. Morgan is also known for inventing _____ which is beneficial still today for coal miners and firefighters. (gas mask)
5. Morgan moved to Ohio at the early age of _____ to get a better education. (clue) he probably couldn't even drive yet in today's world) (14)
6. In 1909, Morgan opened up one for these shops, _____ that specialize in selling coats, shoes, dresses and performing alterations. (Tailoring Shop)



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Question Sheet to correspond with inventor list (page two)

Wright Brothers: Dice Roll 4

1. Name the two brothers names _____ and _____ (Orville and Wilbur)
2. The Air Force Base and museum in this Southwestern Ohio city is named after the two brothers (Dayton)
3. What type of aircraft toy did Orville and Wilbur Wrights' father give to them when they were young?
_____ (helicopter)
4. Multiple Choice: How long did Orville manage to stay in the air during his first flight on December 17, 1903
12 seconds B. 15 seconds C. 59 seconds (12 seconds)
5. What did the Wright brothers call their plane which made the first flight in Kitty Hawk, North Carolina? (Wright flyer 1)
6. True or False, the Wright brothers graduated from high school and college (False, they didn't attend either. They were both home schooled.)

Thomas Edison: Dice Roll 5

1. What was Thomas Edison's middle name? _____ (Alva)
2. This small northern Ohio city is the birthplace of Thomas Edison _____ (Milan, Ohio)
3. This is the most popular invention that Edison is known for _____ (light bulb)
4. Edison is known by this famous nickname: _____ (The wizard of Menlo park)
5. True or False, Edison held over 1,000 patents? (True, 1093)
6. True or False, Edison lived to be over 80 years old? (True, 84)