**Invention Discovery Scavenger Hunt**

**Who Invents?**

A lot of students just like you come up with some really great ideas. Do you think like an inventor? Put your thinking cap on and go on a Scavenger Hunt to learn more about who invents, and how inventors being their ideas to the world? Read the questions below, and decide where you will look for the answer, then complete the questions. Be sure to write down where you found each answer.

1. Who is the first woman to receive a patent? Mary Kies
2. What image is the most reproduced in the world? Raising the Flag on Iwo Jima
3. What did Luis Alvarez invent? Indium layer
4. Who invented google? Sergey Brin
5. Who invented the personal computer (PC)? Bill Gates and Paul Allen
6. Who invented the television? Philo Tayler Farnsworth
7. Why is the Monalisa painting so famous? Because of her mischievous
8. Who invented paper? Cai Lun and Enrico Fermi
9. What is Steve Jobs so famous? He is the co-founder
10. What is the best quote from your favourite inventor? Why?
11. Who invented the telephone? Alexander Graham Bell, Amos Dolbear, Antonio Meucci
12. Who invented the battery and why is this such an important invention today? Alessandro Volta

**Looking at Real Inventions**

What inventions can you find in the kitchen? Find three kitchen objects that are interesting - like tongs or peppermill – and fill out this sheet.

|  |  |  |  |
| --- | --- | --- | --- |
| Objects Name | What does your item do? | What else could it do? | How could you change this to do something else? |
| 1.Chair | People can sit on chair | To be higher elevated, stand on chair | Cut the legs off and use it as a candle/ torch |
| 2.  Fork | Is an eating utensil | You can scratch your back with it. | You can cut off the pointy part of the fork and sharpen it to make one point as a knife. |
| 3.  Table | People set food on the table for a surface to eat their food | You can sit on it. | You can replace the legs with wheels, to make it a skateboard. |

Eureka! I’ve done it!

**How Inventions Happen**

You are embarking on a solution-seeking mission! You will be interviewing as many people as you can about the everyday problems they face and the tools that help solve them. Make a list of people to interview. Ask ahead when you might spend some time with them, and if they can give you 10 minutes to talk during a time when they are not busy. Before the interview, read the ‘Interview Questions’ below to get an idea of what you will ask. During the interview, take notes and fill in the chart as you go. After the interview, make sure you thank each person for his or her time and comments.

**INTERVIEW QUESTIONS**

Before each interview, go over the questions you will ask. Here are some ideas:

* What problem would you like to see solved?
* Is there something that you do at work or at home that you find difficult or frustrating?
* Would a new product or tool help you? If so, what would it be?
* Are there tools or products that don’t work as well as you would like them to work?
* If you could invent something to make your life easier, what would you invent?
* Any other questions you feel are relevant?

Person interviewed: Maxwell Luo

Problem he or she has:

Sleeps in for too long

What device to tool could possibly help this person?

Alarm

Your notes about this:

Your research to find out if it already exists and if so, how effectively it works to solve the problem.

This is a very effective tool because the alarm plays a loud noise in the mornings, so he has to wake up.

Person interviewed: Cameron Markel

Problem he or she has:

Head is too cold because of baldness

What device to tool could possibly help this person?

Beanie/ toque

Your notes about this:

Your research to find out if it already exists and if so, how effectively it works to solve the problem.

A beanie is a good idea because there is no other item that can be on top of a humans head that doesn’t look too stupid. Is also made from mainly cotton.