**Mr. Hott   Biology          Snow Packets 22-31**

**Influenza 1918**

**Go to the following website and watch the video on the 1918 Spanish flu. As you watch the video answer the questions on the attached papers.**

[https://www.pbs.org/wgbh/americanexperience/films/influenza/#part01](https://nam01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.pbs.org%2Fwgbh%2Famericanexperience%2Ffilms%2Finfluenza%2F%23part01&data=02%7C01%7Cbphares%40k12.wv.us%7Ce331d2d43b444bafdb6108d7e7a8a49e%7Ce019b04b330c467a8bae09fb17374d6a%7C0%7C0%7C637232584886493738&sdata=3kSn3toVq3tV7Vzk1pMNH%2Bx0gEXvZTxJByOAZXjONf0%3D&reserved=0)

Tuberculosis

Go to the following website and watch the video. Answer the questions to the worksheet on germs.

[https://wv.pbslearningmedia.org/resource/amex27-soc-tbgerms/wgbh-american-experience-tuberculosis-in-america-the-discovery-that-germs-cause-disease/](https://nam01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwv.pbslearningmedia.org%2Fresource%2Famex27-soc-tbgerms%2Fwgbh-american-experience-tuberculosis-in-america-the-discovery-that-germs-cause-disease%2F&data=02%7C01%7Cbphares%40k12.wv.us%7Ce331d2d43b444bafdb6108d7e7a8a49e%7Ce019b04b330c467a8bae09fb17374d6a%7C0%7C0%7C637232584886493738&sdata=lPMVVQyZO%2BOVgxctdRhwkFcykw3ut%2Fe21CFwqIJOsPc%3D&reserved=0)

When you finish this video, watch the video to the right entitled “Tuberculosis in America: The Public”. Answer the questions to the worksheet on public health.

When you finish this video, watch the video to the right entitled “Tuberculosis in America: Antibiotic”. Answer the questions to the worksheet on resistance.

Polio

<https://www.youtube.com/watch?v=XP2iUz4JzMY&t=50s>      The Polio Crusade [1]   When this video finishes then click on The Polio Crusade [2], it’s to the right. I also want you to watch The Polio Crusade [3] and The Polio Crusade [4] . Answer the following questions as you watch the videos.

What is another name for infantile paralysis?

**In what season did polio tend to strike?**

**What rising young politician was stricken by polio in 1921?**

**Why did polio become a bigger rather than a smaller problem after the adoption of modern sanitation systems?**

**How was polio spread?**

**What was the March of Dimes?**

How did the March of Dimes spread its message among movie audiences?

**Why did many towns use pesticides against polio?**

Was this effective?

**What researcher committed to developing a polio vaccine did O’Connor meet on a ship in 1951?**

**How was this researcher’s planned vaccine different from other vaccines?**

**What researcher was the main opponent of this approach?**

**What was the iron lung?**

**In what year was a major field test conducted of Salk’s vaccine?**

What were the results?

Why did the surgeon general suddenly halt the vaccine program?

**What happened to the number of polio cases in the years after vaccines were widely distributed?**

**When was Sabin’s vaccine ready?**

What advantages did it have over Salk’s?

**In what year was polio declared eradicated in the United States?**