***Measles***

* Common Name: Measles
* Pathogen Type: Virus
* Most Common in 5-15 year olds
* Symptoms:
  + High fever
  + Cough
  + Runny nose
  + Red and Watery eyes
  + Koplik spots
* Can be transmitted through the air
* Can survive in the air for 2 hours
* Measles is a common disease in Europe, Asia, the Pacific, and Africa currently
* The incubation period is 1 to 2 weeks
* You are contagious from four days before to four days after a rash appears

***Neisseria Meningitis***

* Common Name: Meningococcal Diseases
* Pathogen Type: Bacteria
* More commonly diagnosed among infants, adolescents, and young adults
* Symptoms of Meningococcal Meningitis:
  + Swelling of Head and Spinal Cord
  + Nausea
  + Vomiting
  + Photophobia (Sensitivity to Light)
  + Altered Mental Status (Confusion)
  + Sudden onset of Fever, Headache, and Stiff Neck
* Symptoms of Meningococcal Septicemia:
  + Fever
  + Diarrhea
  + Fatigue
  + Cold chills
  + Vomiting
  + Rapid breathing
  + Cold hands and feet
  + Severe aches or pain in muscles, joints, chest, or abdomen
  + In later stages, a dark and purple rash
* Can be transmitted through air
* Tends to spread whenever large groups of people gather together
* The incubation period is 3 to 7 days after exposure

***Mycobacterium Tuberculosis***

* Common Name: Tuberculosis
* Pathogen Type: Bacteria
* Symptoms:
  + Weakness
  + Fatigue
  + Weight loss
  + Loss of Appetite
  + Chills
  + Fever
  + Sweating at night
  + A bad cough that lasts three weeks or longer
  + Pain in the Chest
  + Coughing up Blood or Sputum (Phlegm from deep inside lungs)
* Can be transmitted through the air
* Survives best in dark areas where air is not ventilated
* Can survive for months on dry surfaces
* The incubation period for TB is approximately two to twelve weeks.
* A person infected with TB can spread it until treated appropriately for several weeks

***Group a Streptococcus***

* Common Name: Strep Throat/Scarlet Fever
* Pathogen Type: Bacteria
* Anyone can get Strep Throat, but it is most common among school-aged kids and teens (5-15)
* Symptoms:
  + Sore Throat
  + Pain When Swallowing
  + Fever
  + Tiny Red Spots (petechiae) on the Roof of Mouth (soft or hard palate)
* Possible Symptoms:
  + Headache
  + Stomach Pain
  + Nausea
  + Vomiting (Especially in Children)
  + Rash called Scarlet Fever or Scarlatina
  + Bright Red Skin in the Creases of Underarm, Elbow, and Groin
  + Whitish Coating on Tongue (Earlier)
  + Strawberry (Red and Bumpy) Tongue
* Can be transmitted through the air (and food)
* Easily spreads through households and where lots of people gather together
* Can survive on a dry surface from three days to 6.5 months
* The incubation period is two to five days
* A person infected with Group a Streptococcus who has taken antibiotics is contagious for twenty-four hours.
* Without antibiotics, you can be contagious two to three weeks or as long as you have symptoms.