**Disease Cards- Activity: 5.1.2**

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| Type of Infectious Agent | Disease Examples | Modes of Transmission | Methods of Prevention | How the Agent Reproduces | How the Agent is Treated |
| Bacteria | Tuberculosis  Strep Throat | Airborne  Airborne and Contact | Avoid people infected, wear masks.  Wash hands, avoid those who are infected. | Need of a host  Need of a host | Antibiotics  Antibiotics |
| Viruses | Common Cold  Rotavirus | Airborne, Direct contact  Infected stool, hand to mouth contact, contaminated surfaces. | Avoid touching eyes, nose and mouth after possible exposure.  Wash hands after using the bathroom, avoid direct contact with infected people. | Invade a host and spread to others.  Invades a host | No treatment, just symptom relievers.  No treatment |
| Fungus | Athlete’s Foot | Sharing clothing or shoes with someone infected or walking barefoot in public areas where it can be spread. | Keep shoes and clothing clean and do not share with others who are infected. | Attaches to the feet and reproduces. | Antifungal Medication |
| Protozoa | Cryptosporidiosis  Malaria | Ingestion of parasite and settlement in intestines.  Parasite infection, Mosquitoes, Mother to unborn child. | Wash hands, stay away from contaminated material.  Avoid infected people and multiple mosquito bites. | Settles in the intestines and reproduces.  Enters the body and reproduces. | Anti-parasitic drug to slow down movements.  Antimalarial drugs |
| Helminthes | Tapeworm  Trichinosis | Consumption of food or water contaminated with feces or ingestion of larvae cysts in meat.  Comsumption of undercooked meat that is infected with larvae. | Avoid contaminated material, wash hands and food that may have been in soil.  Only consume fully cooked meats. | Reproduces within body once ingested.  The larvae reproduces in the intestines. | Oral medications  Anti- parasite medications |
| Prions | Creutzfeldt-Jakob Disease | Family history of genetic mutation. | Sterilization procedures. | Gene mutation | No treatment. |