

## 5<sup>th</sup> Grade Curriculum—HIV and Communicable Diseases

<i>Disease</i>	<i>Facts</i>	<i>How it is Spread</i>	<i>Diagnosis</i>	<i>Potential Complications</i>	<i>Treatment</i>	<i>Symptoms</i>
HIV-AIDS	<p>*HIV—Human Immunodeficiency Virus</p> <p>*AIDS—Acquired Immunodeficiency Syndrome</p> <p>*May be most infectious during 1<sup>st</sup> month</p> <p>*May not be able to detect antibodies for 30 days to 6 months—yet contagious</p> <p>*More people living with HIV than in past due to drug therapy</p>	<p>*all types of intercourse</p> <p>*Contact with infected blood &amp; blood products—IV needles, tattooing, piercing</p> <p>*Mother to unborn child</p>	<p>*Blood test for antibodies</p> <p>*May not be detected for 30-90 days after exposure</p>	<p>*Life threatening illnesses associated with HIV</p> <p>*Death</p>	<p>*No cure</p> <p>*Treatment for symptoms</p> <p>*Treatment to maintain immune system reducing associated illnesses—10-20 pills/day</p>	<p>*May be asymptomatic</p> <p>*Night sweats</p> <p>*Frequent persistent cough</p> <p>*Loss of weight or appetite</p> <p>*Easily affected by illness</p> <p>*Fatigue</p> <p>*Specific illnesses related to AIDS</p>

<i>Disease</i>	<i>Facts</i>	<i>How it is Spread</i>	<i>Diagnosis</i>	<i>Potential Complications</i>	<i>Treatment</i>	<i>Symptoms</i>
Hepatitis A	<p>Hepatitis is a term used to describe liver inflammation caused by a variety of agents including viruses and bacteria.</p> <p>A vaccine is available.</p>	<p>*Contact with fecal matter</p> <p>*eating contaminated raw or undercooked food</p> <p>*drinking contaminated water</p> <p>*sexual activity</p> <p>*<u>Not</u> through Mother to unborn child</p>	Blood test	<p>*Usually no severe consequences</p> <p>*Cannot again contract Hepatitis A</p>	<p>*No treatment</p> <p>*An injection of gamma globulin before exposure can prevent infection for 5 months.</p> <p>*An injection of gamma globulin if given within 2 to 6 weeks after exposure may prevent or reduce symptoms.</p>	<p>*May be asymptomatic</p> <p>*May begin 4-6 weeks after exposure</p> <p>*Diarrhea, nausea, vomiting, fever, achiness, fatigue and loss of appetite.</p> <p>*Jaundice</p> <p>*Usually end after 2 weeks</p> <p>*Can reoccur without continued rest</p>

<i>Disease</i>	<i>Facts</i>	<i>How it is Spread</i>	<i>Diagnosis</i>	<i>Potential Complications</i>	<i>Treatment</i>	<i>Symptoms</i>
Hepatitis B	<p>Hepatitis is a term used to describe liver inflammation caused by a variety of agents including viruses and bacteria.</p> <p>*100 times more contagious than HIV</p> <p>*An infected person should be tested after 6 months to see if they have become carriers.</p> <p>A vaccine is available.</p>	<p>*blood and other bodily fluids</p> <p>*Sexual activity</p> <p>*Sharing needles, toothbrushes &amp; razors</p> <p>*Mother to unborn child</p>	Blood test	<p>*90% of adults who contract this become chronic carriers</p> <p>*infants who contract it while unborn usually become chronic carriers</p> <p>*Can develop chronic liver problems which can lead to liver cancer, liver failure &amp; sometimes death</p> <p>*Carriers can infect family members and others who live with them.</p>	*Symptoms for most people will go away without treatment.	<p>*Begin 6 weeks to 6 months after infection.</p> <p>*Similar to Hepatitis A symptoms.</p> <p>*May also have yellow skin and eyes, muscle pain, dark urine and depression.</p>

<i>Disease</i>	<i>Facts</i>	<i>How it is Spread</i>	<i>Diagnosis</i>	<i>Potential Complications</i>	<i>Treatment</i>	<i>Symptoms</i>
Hepatitis C	<p>Hepatitis is a term used to describe liver inflammation caused by a variety of agents including viruses and bacteria.</p> <p>No Vaccine available.</p>	<p>*Contact with blood and bodily fluids by sharing needles</p> <p>*Low risk through sexual contact</p> <p>*Low risk Mother to unborn child</p>	Blood test	<p>*A large percent of infected people will carry the virus in their blood for many months or years.</p> <p>*A few people will have serious liver damage.</p>	*Treatment may not have any impact.	<p>*Most people do not experience symptoms.</p> <p>*May occur 2 weeks to 6 months after infection.</p> <p>*Symptoms are similar to A &amp; B.</p>