**The Fluid Mosaic Model Handout**

**As you work your way through the fluid mosaic model presentation, answer the following questions to help you collect the relevant information.**

1. **What is a cell membrane? What are the functions of cell membranes?**
2. **What is the fluid mosaic model?**
3. **Listed below are some important components of the cell membrane. Describe their properties and functions as well as where they are located.**
4. **Integral membrane proteins**
5. **Peripheral proteins**
6. **Carbohydrate molecules**
7. **Cholesterol molecules**
8. **Describe the components and properties of the phospholipid bilayer.**
9. **Cholesterol molecules are aligned with the lipid molecules on both sides of the bilayer. Is cholesterol polar or non-polar? Explain your answer.**