**PRENATAL DEVELOPMENT STUDY GUIDE**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Period:\_\_\_\_\_**

**On-Going Prenatal Care**

1. Often there is a direct correlation between the health of the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*and the health of the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
2. If the mom is *\_\_\_\_\_\_\_\_\_\_* and *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*, getting proper *\_\_\_\_\_\_\_\_\_\_\_\_\_*, eating *\_\_\_\_\_\_\_\_\_\_\_\_\_*, gaining the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*, the baby will most likely be *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
3. If the mom has health *\_\_\_\_\_\_\_\_\_\_\_\_* or is taking *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* into her body, the baby can be *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.

**Prenatal Terminology**

1. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   1. The connection between the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
   2. It is *\_\_\_\_\_\_\_\_* inches long.
   3. Passes *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* from the mother to the child
   4. Returns *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* from the child back to the mother.
2. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   1. An organ attached to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the uterus.
   2. Filters and transfers \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_ to the fetus.
3. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   1. Guards against *\_\_\_\_\_\_\_\_\_\_\_\_\_*
   2. Keeps the fetus at a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   3. Keeps the fetus from forming a connection to the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
4. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   1. Holds the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   2. Very strong, clear and *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* that surrounds the fetus
   3. Before delivery, it is *\_\_\_\_\_\_\_\_\_\_\_\_* to allow the baby to exit out of it.
5. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   1. The uterus is called a womb when a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
6. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   1. Called the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* during *\_\_\_\_\_\_\_\_\_\_\_\_*of the fetus.

**Stages of Prenatal Development**

1. Prenatal development
   1. The development of the baby *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
   2. The prenatal period lasts *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   3. There are three stages of prenatal development: *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
2. Stage 1: *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* 
   1. This stage *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* and lasts until the zygote is implanted in the mother’s uterus.
   2. Zygote grows to be about the size of a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
   3. Roots grow from the zygote into the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* where they can receive nutrients from the mother’s blood.
   4. Length of time: *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
3. Stage 2: *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* 
   1. Embryo is attached to the mother by the *\_\_\_\_\_\_\_\_\_\_\_\_\_*, which reaches from the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* to the wall of the *\_\_\_\_\_\_\_\_*.
   2. Embryo is inside the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
   3. Length of time: *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* of development.
4. Stage 3: *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   1. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* that were formed during the embryo period will become much more developed and *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   2. The fetus will begin to resemble a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   3. Length of time: *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.

**First Trimester**

1. The *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* and vulnerability for birth defects depending on *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* or does not do during the pregnancy.
2. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* of pregnancy are more likely to occur.
3. The *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* occurs (every physical feature and vital organs form, heart beats and brain waves begin).
4. There is *\_\_\_\_\_\_\_\_\_\_\_\_* maternal *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.

**Second Trimester**

1. Quickening occurs during the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   1. Slight *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* felt by the mother
2. Increased *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
3. Physically the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* on the mother.

**Third Trimester**

1. Physically the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* for the pregnant mom due to *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*of pregnancy.
2. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* (fine hair) and *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*(waxy substance) both covering the fetus’s body begin to *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
3. Fetus grows and gains weight rapidly: *\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
4. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* the last month to help the baby have a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* once outside of the womb and living as a separate being from the mother.
5. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* occurs in the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
   1. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* movement of the baby into the Mom’s pelvic region in a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* in preparation for delivery

**Multiple Births**

1. **Identical Twins** 
   1. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* (egg) is fertilized by *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* and then *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* or more.
   2. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* each other
   3. Are of the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
2. **Fraternal Twins** 
   1. Developed from *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* (eggs), each fertilized by a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* cell.
   2. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*have to *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* each other.
   3. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*have to be the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.
3. **Conjoined Twins** 
   1. Develop when the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* (identical twins) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* completely *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* before developing.