Pregnancy Calendar for Tess	
Fri 28 Jul 2017	Day 1Ovulation occurs.
Sun 30 Jul 2017	 Day 3 First day of mating. Sperm travel searching for mature ripened eggs.
Fri 28 Jul 2017 – Thu 3 Aug 2017	 Week 1 Ovulation and mating. Fertilization occurs. 2 cell embryos are in the oviduct.
Fri 4 Aug 2017 – Thu 10 Aug 2017	 Week 2 Embryos will be 4 cell at start of week and 64 cell by end of week. Embryos enter the uterus. Feeding small amounts of high protein supplements, such as eggs, lean muscle meats (not pork) or liver is a good practice.
Fri 11 Aug 2017 – Thu 17 Aug 2017	 Week 3 Embryos implant along uterus wall. During the next two weeks important organs in the embryos will develop. Mama's nipples begin to turn pink and enlarge. Mama may lose appetite during this week. Morning sickness may occur.
Fri 18 Aug 2017 – Thu 24 Aug 2017	 Week 4 Morning sickness should go away and appetite returns. Fetal development of eyes, spinal cord and faces takes shape. The fur on mama's belly and around the nipples thins.
Fri 25 Aug 2017 - Thu 31 Aug 2017	 Week 5 Palpation of the abdomen may be able to detect pregnancy. Puppies will feel like small bumps in the abdomen. Pregnancy confirmation by ultrasound is possible 30 days after mating or blood test 35 days after. Development of toes, whisker buds, and claws. Eyes now close and gender can be determined. The puppies are now considered fully developed miniature dogs. Mama's abdomen may begin to enlarge. She may also gain weight particularly if she is going to birth more than 1-2 puppies.
Fri 1 Sep 2017 - Thu 7 Sep 2017	 Week 6 During the last several weeks, mama's nutritional needs nearly double. Feed small meals several

	 times a day. Enlargement of mammary glands as nipples darken and enlarge. Pregnancy blood test September 6.
Fri 8 Sep 2017 - Thu 14 Sep 2017	 Week 7 Mama may shred papers, blankets or bedding in an attempt at "nest building" in the last weeks. During the last 2 weeks, mama may become irritable and should avoid contact with small children. Moderate exercise is the proper approach. Neither forced rest nor strenuous exercise is a good idea. Short periods of gentle play and short walks are good. You may feel the puppies moving now but amniotic fluid will make counting the number unlikely. Definite abdominal enlargement. Abdomen hair will start shedding.
Fri 15 Sep 2017 - Thu 21 Sep 2017	 Week 8 Mama begins to spend a lot more time self-grooming. Her breasts may become swollen as her milk forms. Nesting increases as she looks for a place to have her puppies The mama may not have as big an appetite during this period. Her abdomen can be crowded with puppies. Mama will spend most of the day stretched out to give puppies room to align for whelping. Puppy movements will be frequent and easy to feel. Set up whelping box and allow mama to explore it.
Fri 22 Sep 2017 – Thu 28 Sep 2017	 Week 9 Nipples and vulva should be gently cleaned with warm water, trim the hairs surrounding the nipples to allow easier access for the puppies to nurse. Start watching for mama's temperature to drop—temperature drop to below 100 degrees signals that whelping is imminent. She may also become restless and seek seclusion . Nesting and digging in blankets will increase 12-24 hours before the birth. Puppy count xray September 23.
Thu 28 Sep 2017	 Expected Date of Whelp. Expected date of whelp. Average is 63 days from ovulation, but birth may take place from the 58th to the 68th day. Appetite will disappear as whelping approaches. May see a clear discharge from the vulva. At onset of labor may pace, dig, shiver, pant and/or vomit. First puppy usually will be delivered within 24 hours of the onset of labor.