



Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Egg Parts and Embryonic Notes


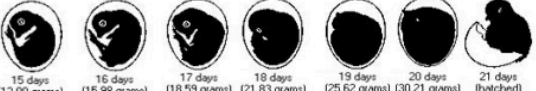


#### Directions:

Students will fill out each table as I present the notes in a PowerPoint. This worksheet will be used as notes for future activities.

Part of the Egg	Definition/ Function
	
	
	



Embryo Stage	Description
<p><b>Week 1</b></p> <p>1 day (0.0002 grams) 2 days (0.003 grams) 3 days (0.02 grams) 4 days (0.05 grams) 5 days (0.13 grams) 6 days (0.29 grams) 7 days (0.57 grams)</p> <p>INFERTILE - No development. DAY 1 - Appearance of tissue development. DAY 2 - Tissue development very visible. DAY 3 - Heart beats. DAY 4 - Eye pigmented. DAY 5 - Appearance of elbows and knees. DAY 6 - Appearance of beak. Voluntary movements begin.</p>	
<p><b>Week 2</b></p> <p>8 days (1.15 grams) 9 days (1.53 grams) 10 days (2.26 grams) 11 days (3.68 grams) 12 days (5.07 grams) 13 days (7.37 grams) 14 days (9.74 grams)</p>	

<p style="text-align: center;">- Appearance of blood vessels.</p>  <div style="display: flex; justify-content: space-between;"> <div style="width: 12%;"> <p><b>DAY 7</b></p> <ul style="list-style-type: none"> <li>- Comb growth begins.</li> <li>- Egg tooth begins to appear.</li> </ul> </div> <div style="width: 12%;"> <p><b>DAY 8</b></p> <ul style="list-style-type: none"> <li>- Feather tracks seen.</li> <li>- Upper and lower beak equal in length.</li> </ul> </div> <div style="width: 12%;"> <p><b>DAY 9</b></p> <ul style="list-style-type: none"> <li>- Embryo starts to look bird-like.</li> <li>- Mouth opening appears.</li> </ul> </div> <div style="width: 12%;"> <p><b>DAY 10</b></p> <ul style="list-style-type: none"> <li>- Egg tooth prominent.</li> <li>- Toe nails.</li> </ul> </div> <div style="width: 12%;"> <p><b>DAY 11</b></p> <ul style="list-style-type: none"> <li>- Comb serrated.</li> <li>- Tail feathers apparent.</li> </ul> </div> <div style="width: 12%;"> <p><b>DAY 12</b></p> <ul style="list-style-type: none"> <li>- Sides fully formed.</li> <li>- First few visible feathers.</li> </ul> </div> <div style="width: 12%;"> <p><b>DAY 13</b></p> <ul style="list-style-type: none"> <li>- Appearance of scales.</li> <li>- Body covered lightly with feathers.</li> </ul> </div> </div>	
<h2 style="margin-top: 0;">Week 3</h2> <div style="margin-top: 20px;">  <div style="display: flex; justify-content: space-between;"> <div style="width: 12%;"> <p><b>15 days</b> (12.00 grams)</p> </div> <div style="width: 12%;"> <p><b>16 days</b> (15.58 grams)</p> </div> <div style="width: 12%;"> <p><b>17 days</b> (18.59 grams)</p> </div> <div style="width: 12%;"> <p><b>18 days</b> (21.83 grams)</p> </div> <div style="width: 12%;"> <p><b>19 days</b> (25.62 grams)</p> </div> <div style="width: 12%;"> <p><b>20 days</b> (30.21 grams)</p> </div> <div style="width: 12%;"> <p><b>21 days</b> (hatched)</p> </div> </div> </div> <div style="margin-top: 20px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p style="text-align: center;">in length.</p>  <div style="display: flex; justify-content: space-between;"> <div style="width: 24%;"> <p><b>DAY 14</b></p> <ul style="list-style-type: none"> <li>- Embryo turns head towards large end of egg.</li> </ul> </div> <div style="width: 24%;"> <p><b>DAY 15</b></p> <ul style="list-style-type: none"> <li>- Out is drawn into abdominal cavity.</li> </ul> </div> </div> </div> <div style="width: 48%;"> <p style="text-align: center;">with feathers.</p>  <div style="display: flex; justify-content: space-between;"> <div style="width: 24%;"> <p><b>DAY 18</b></p> <ul style="list-style-type: none"> <li>- Feathers cover complete body.</li> <li>- Albumen nearly gone.</li> </ul> </div> <div style="width: 24%;"> <p><b>DAY 17</b></p> <ul style="list-style-type: none"> <li>- Amniotic fluid decreases.</li> <li>- Head is between legs.</li> </ul> </div> </div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>DAY 18</b></p> <ul style="list-style-type: none"> <li>- Growth of outings nearly complete.</li> <li>- Yolk sac is still on outside of embryo.</li> <li>- Head is under the right wing.</li> </ul> </div> <div style="width: 48%;"> <p><b>DAY 19</b></p> <ul style="list-style-type: none"> <li>- Yolk sac drawn into body cavity.</li> <li>- Amniotic fluid gone.</li> <li>- Embryo occupies most of space within egg (not in the air cell).</li> </ul> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>DAY 20</b></p> <ul style="list-style-type: none"> <li>- Yolk sac drawn completely into body.</li> <li>- Embryo becomes a chick (breathing in air cell).</li> <li>- Internal and external pip.</li> </ul> </div> <div style="width: 48%;"> <p><b>DAY 20</b></p> <ul style="list-style-type: none"> <li>- Yolk sac drawn completely into body.</li> <li>- Embryo becomes a chick (breathing in air cell).</li> <li>- Internal and external pip.</li> </ul> </div> </div> </div>	