Research task – development of the embryo

Your task is to make a powerpoint (or Prezzi) showing the development of the human embryo over the course of pregnancy.

You should divide your slides into the following timescales:

1. Fertilisation
2. Implantation
3. Up to week 4
4. Week 5-8
5. Week 9-12
6. Week 13-16
7. Week 17-20
8. Week 21-24
9. Week 25-28
10. Week 29-32
11. Week 33-40
12. Birth

For each slide you need to describe what has developed and what the embryo / foetus will look like at this stage. Include a picture.

You need to make sure that the following key words are included somewhere:

|  |  |  |  |
| --- | --- | --- | --- |
| Sperm | Egg | Fertiliisation | Zygote |
| Mitosis | Uterus | Fallopian tube | Placenta |
| Umbilical cord | Amniotic fluid | Foetus | Embryo |
| Heart | Spinal cord | Lungs | brain |

The Extraordinary making of you documentary <http://www.bbc.co.uk/programmes/b06crff1>

Embryonic development animation

<http://www.hhmi.org/biointeractive/human-embryonic-development>

Bitesize clip
<http://www.bbc.co.uk/education/clips/zrctfg8>

NHS “your pregnancy week by week”<http://www.nhs.uk/conditions/pregnancy-and-baby/pages/pregnancy-week-by-week.aspx>