**Investigating Reproductive Technologies**

**Purpose:**  - To learn about Assisted Reproductive Technologies, which can be used by couples who want a baby but who cannot conceive by natural methods.
-  To read science websites and/or articles thoughtfully and to compare commercial websites and non-commercial websites on the topic.

**Instructions:**  Find a partner.  One person will research  a commercial website.  Your partner will use a non-commerical website.

**TOPICS:

Cryopreservation of sperm and/or embryo -** useful for those who want to make sure that there are sperm and embryos available for later use in reproduction

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| Commercial sites:  1)   [Shared Journey - your path to fertility:  Frozen Embryo Transfer](http://www.sharedjourney.com/ivf/fet.html) (medium)2)   [Pacific Centre for Reproductive Medicine -  Vancouver Fertility & Infertility Clinic:Sperm cryopreservation](http://www.pacificfertility.ca/?page_id=50) (medium)3)   [Advanced Fertility Center of Chicago :  Embryo freezing after IVF](http://www.advancedfertility.com/cryo.htm) (advanced) |     Non-commercial sites1) [Human Fertilisation Embryo Authority:  Freezing and storing embryos](http://www.hfea.gov.uk/45.html) (UK gov - easier)2)  [University of Wisconsin - Generations Fertility Care:  Cryopreservation](http://www.uwhealth.org/infertility/cryopreservation/10277) (medium)3)  [Wikipedia:  Oocyte cryopreservation](http://en.wikipedia.org/wiki/Oocyte_cryopreservation) (difficult) |

**Artificial Insemination** - for couples who need help in conceiving

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| Commercial sites: 1)     [How to tackle fertility problems:  Artificial insemination (IUI)](http://www.babycenter.com/0_fertility-treatment-artificial-insemination-iui_4092.bc) (medium)2)      [Genesis Fertility Center - Donor Sperm Insemination (DI)](http://genesis-fertility.com/fertility-services/donor-insemination-di) (medium)3)      [Medical News Today - What is Artifical Insemintation?](http://www.medicalnewstoday.com/articles/217986.php) (advanced) | NNon-commercial sites          1)  [Artifical insemination](http://web.ebscohost.com/chc/detail?sid=5509268b-c79b-41e7-b113-6695dee11cfd%40sessionmgr4&vid=1&hid=19&bdata=JnNpdGU9Y2hjLWxpdmU%3d" \l "db=cmh&AN=17973490) (medium)2)  [WebMD: Artificial insemination](http://www.webmd.com/infertility-and-reproduction/guide/artificial-insemination) (medium)    3)     [Wikipedia:  Artificial insemination](http://en.wikipedia.org/wiki/Artificial_insemination)   (difficult) |

**Oocyte or Egg Donation -** used by couples who need eggs

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| Commercial sites:     1)   [Fox News - Pregnant women over 50 'do pretty well,' study finds](http://www.foxnews.com/health/2012/02/03/pregnant-women-over-50-do-pretty-well-study-finds/)  (easier)    2)  [Vancouver Fertility and Infertility Clinic :  Donors](http://www.pacificfertility.ca/?page_id=51)    (medium)    3)  [Georgia Reproductive Specialists :  Oocyte Donation - Information for Oocyte Donors](http://www.ivf.com/dnr2col.html)      (advanced)  | Non-commercial sites    1) [HealthDay Consumer News Service - Risks and Benefits of Egg Donation Reported](http://web.ebscohost.com/chc/detail?sid=b58d6aca-b513-41a2-b46f-24a2e3d91243%40sessionmgr113&vid=1&hid=105&bdata=JnNpdGU9Y2hjLWxpdmU%3d#db=cmh&AN=1C2L2210746062)   (easier)    2)   [Wikipedia :  Oocyte donation](http://en.wikipedia.org/wiki/Oocyte_donation) (advanced)    3)   [Scientific American : Shelling Out for Eggs](http://web.ebscohost.com/chc/detail?sid=db1a138e-8a62-439d-91e5-00b62be9f70c%40sessionmgr11&vid=1&hid=12&bdata=JnNpdGU9Y2hjLWxpdmU%3d#db=cmh&AN=44616925)  (advanced) |

***In Vitro* Fertilization (IVF)** - an egg is fertilized with a sperm in a laboratory

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| Commercial sites:       1)   [emedicinehealth: In vitro-fertilization](http://www.emedicinehealth.com/in_vitro_fertilization/article_em.htm) (medium)     2)   G[enesis Fertility Center: In vitro-fertilization](http://genesis-fertility.com/fertility-services/in-vitro-fertilization-ivf) (medium)      3)  [Georgia Reproductive Specialists: In vitro-fertilization](http://www.ivf.com/ivffaq.html) (advanced) | Non-commercial sites 1)   A[merican Pregnancy Association: In vitro-fertilization](http://www.americanpregnancy.org/infertility/ivf.html) (medium)  2)  [MedlinePlus: In vitro-fertilization](http://www.nlm.nih.gov/medlineplus/ency/article/007279.htm) (medium)  3)  [Wikipedia: In vitro fertilization](http://en.wikipedia.org/wiki/In_vitro_fertilisation) (advanced) |

**Surrogacy -** a woman who bears a child for another woman

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| Commercial sites: 1)   [New Jersey Fertility Center: gestational surrogacy](http://www.ivfnj.com/gestational-surrogacy/) (medium) 2)  [Genesis Fertility Center: surrogacy](http://genesis-fertility.com/fertility-services/surrogacy) (medium)3)  [Surrogacy in Canada Online: surrogacy](http://www.surrogacy.ca/resources/faq.html) (advanced) | Non-commercial sites1)  [Surrogate birth](http://worldbookonline.com/student/article?id=ar752307&st=artificial+insemination) (easier)2) [Human Fertilisation Embryo Authority: Surrogacy](http://www.hfea.gov.uk/fertility-treatment-options-surrogacy.html) (UK gov - easier)3)  [Better Health Channel:  Surrogacy](http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/Surrogacy_the_issues?open) (Australian gov - medium) |

**Cloning** - creating a genetically identical copy of an animal

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| Commercial sites: 1)  [My Friend Again:  Dog Cloning Services](http://myfriendagain.com/faq/faq.htm)  (easy)2) [National Geographic News:  Cat cloning offered to owners](http://news.nationalgeographic.com/news/2004/03/0324_040324_catclones.html) ( easy)3)  [Health Guidance:  Cloning pets](http://www.healthguidance.org/entry/16050/1/Cloning-Pets.html) (medium) | Non-commercial sites1)  [Clone of contention](http://web.ebscohost.com/src/detail?vid=3&hid=108&sid=8de6aff5-ef7b-4d1e-a0a4-27d2556eeaca%40sessionmgr114&bdata=Jmxhbmc9ZW4tY2Emc2l0ZT1zcmMtY2Fu#db=rch&AN=7BS4110200577) (easy)2)  [National Human Research Institute](http://www.genome.gov/25020028) (US government -medium)3[) Biotechnology Online](http://www.biotechnologyonline.gov.au/biotec/cloneanimal.html)(Australian government - advanced) |