Subject: Science- Biology

2 Week Independent Learning plan **Week 7 and 8**

**Email queries to: nbaker@waseleyhills.worcs.sch.uk**

Teacher:RY

Year: 7 Topic/theme: Reproduction

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| Lesson  | What you need to take from this lesson  | Resource to use or hyperlink | Suggested task  |
| 1 | Human reproduction- Human reproductive systems:Describe the main structures in the male and female reproductive systems.Describe the functions of the main structures in the male and female reproductive systems. | <https://www.bbc.co.uk/bitesize/guides/z9fgr82/revision/1><https://www.youtube.com/watch?v=-ekRRuSa_UQ><https://www.doddlelearn.co.uk/app/teacher/launch-content/d9c0665c-bc91-4c56-9575-516ab6a5297c> | * Create a wordsearch for the following key words: glands, sperm ducts, urethra, penis, testes, scrotum, gametes, oviducts, ovaries, uterus, cervix, vagina
* Identify which key words are in the male or female reproductive system and write functions for each of these key words.
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| 2 | Human reproduction- The menstrual cycle:Describe the main stages in the menstrual cycle | <https://www.bbc.co.uk/bitesize/guides/z9fgr82/revision/3><https://www.youtube.com/watch?v=ZvPVyas68jE><https://www.youtube.com/watch?v=vXrQ_FhZmos><https://www.doddlelearn.co.uk/app/teacher/launch-content/47345541-55ee-41c6-958b-19b208f49908> | * Write a glossary of the key words learnt.
* Create a comic strip/flip book/creative writing task on the stages in the menstrual cycle
* If you have these items at home, you can make a menstrual cycle bracelet with the help of an adult

**What you will need to make the bracelet:*** **Scissors**
* **1 pipe cleaner/elastic**
* **1 x piece of straw in one colour**
* **5 x pieces of straw in one colour**
* **22 x pieces of straw in one colour**

**What you need to do:**1. **Count the number of straws you have to make sure you have the correct number of straw pieces in each colour.**
2. **Take your pipe cleaner and thread on 5 coloured pieces of straw from the group of 5 pieces of straw.**
3. **Next, thread on 8 pieces of straw from the group of 22 pieces of straw.**
4. **Now, thread on the straw piece that you only have one of.**
5. **Next, thread on the remaining straw pieces from the group of 22 pieces**
6. **Lastly, put the bracelet on your wrist and twist the ends of the pipe cleaner together to secure it.**
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| 3 | Human reproduction-Fertilisation, pregnancy and birth:Describe the structure and function of gametes.Describe the process of fertilisation.Describe what happens during gestation and birth. | <https://www.doddlelearn.co.uk/app/teacher/launch-content/442579e6-4ae9-4745-b0c5-7200f0e24476><https://www.doddlelearn.co.uk/app/teacher/launch-content/abccaa09-d763-4636-86cc-824145353959><https://www.bbc.co.uk/bitesize/guides/z9fgr82/revision/4> | * Draw and label a sperm cell and egg cell with their functions.
* Define fertilisation.
* Draw a comic/creative writing on the journey of the sperm and the development of a foetus.
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| 4 | Plant reproduction- flower structure:Identify the main structures in a flower and describe their functions | <https://www.doddlelearn.co.uk/app/teacher/launch-content/798345e6-c00a-4339-ae4d-837c22ad4181><https://www.bbc.co.uk/bitesize/guides/zs7thyc/revision/1><https://www.youtube.com/watch?v=R8_ScKzLAfE>Flower dissection: <https://www.youtube.com/watch?v=493WeySyf-8> | * Make a glossary of the parts of a flower.
* Draw and label the structure of a flower.
* If you have permission and if an adult is present you can dissect a flower, label the parts, take a picture and show your teacher when we are back.
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| 5 | Plant reproduction- Pollination and seed dispersal:Describe the process of pollination.Research different ways seeds can be dispersed  | <https://www.doddlelearn.co.uk/app/teacher/launch-content/7d1dc38e-e717-42a1-8ec5-bbb7f7fda34f><https://www.doddlelearn.co.uk/app/teacher/launch-content/a5acb0f8-a892-4f21-a460-d2bd072ac310><https://www.youtube.com/watch?v=djPVgip_bdU><https://www.youtube.com/watch?v=nTVOH8-xb1I><https://www.youtube.com/watch?v=PvVhJfOrTEQ> | * Write an article/poster on why honey bees are so important
* Look outside, take pictures of different seeds and research their dispersal method. Create a scrapbook/make a short film documentary on what you learnt.
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| **How will we assess you learning?**Years 7 and 8: Pupils will be set an interactive quiz using this information on Show My Homework or asked to submit a piece of work such as a photograph of art work.Year 9 to 11: Pupils may be set an interactive quiz or a written task via Show My Homework. |

**Need help?**

HomeAccess+ <https://facility.waseley.networcs.net/HAP/login.aspx?ReturnUrl=%2fhap> (use your normal school username and password).

Pupil and parent help page: <https://www.waseleyhills.worcs.sch.uk/coronavirus-independent-learning/help-for-parents-and-pupils>