Mapping Document of Broad Learning Outcomes in Year 5

This document highlights opportunities for assessment from the Student's Resource Pack for Year 5. The first three columns specify details re the activity/task in the pack. The last column identifies which of the 7 Broad Learning Outcomes may be assessed during that specific activity. It is suggested that these activities/tasks are used for Continuous Assessment which amounts to 60% of the final global mark.

Learning Outcome 2: How do we stay alive?			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
KWL Chart	5.1.1	KWL Pg 4	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea.
Activity 1a: Determine whether each object is a living or a non-living thing. **1b:** Sorting living and non-living things. **1c:** Concept Cartoons	5.2.1	Activity 1 Pgs 5 - 7	5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms. 5.1.7 I can apply scientific knowledge to practical situations.

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Activity 2 - **Observation sheet:** Draw and label diagrams to show the growth and changes observed in a living thing.	5.2.1	Activity 2 Pg 8	5.1.5 I can record observations in a simple format.
Vertebrates and Invertebrates.	5.2.2 5.2.3	Pg 9	5.1.5 I can record observations in a simple format.
Activity 4: Classifying animals	5.2.4	Activity 4 Pgs 11, 13, 14	5.1.5 I can record observations in a simple format. 5.1.7 I can apply scientific knowledge to practical situations.
Activity 5: Research similarities and differences between two animals (vertebrates) including e.g. humans	5.2.5	Actvity 5 Pg 15	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea.
Activity 6: Place the Life cycle stages in order.	5.2.6	Activity 6 Pg 16	5.1.5 I can record observations in a simple format. 5.1.7 I can apply scientific knowledge to practical situations.

Activity 7: Naming the stages of the life cycle of *a* frog.	5.2.6	Activity 7 Pg 16	5.1.5 I *can* record observations in *a* simple format. 5.1.7 I *can* apply scientific knowledge to practical situations.

Learning Outcome 3: How do we keep fit and healthy?			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
KWL Chart	5.1.1	KWL Pg 18	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea.
Actvity 1a	5.3.1	Actvity 1a Pgs 19-20	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea. 5.1.7 I can apply knowledge to practical situations.
Activity 1b **Research:** Useful Microbes	5.3.2	Activity 1b Pg 20	5.1.2 I can ask questions about the world around me. 5.1.3 I can find out a simple scientific idea.
Activity 2: Food Handling Hygiene	5.3.3	Activity 2 Pg 21	5.1.7 I can apply knowledge to practical situations.
Activity 3	5.3.3	Activity 3 Pg 21-22	5.1.4 I can ask questions about the world around me. 5.1.5 I can find out a simple scientific idea.
Activity 4 **Investigation:** Super Sneezes	5.3.3	Activity 4 Pgs 23 - 24	5.1.4 I can carry out a simple practical investigation, which involves up to two variables being investigated separately, with the teacher's support. 5.1.5 I can record observations in a simple format.

			5.1.6 I can make simple conclusions from my direct observations.
Activity 5 **Investigation:** How do germs spread out?	5.3.3	Actvity 5 Pgs 25 - 26	5.1.3 I can make a prediction about a situation from a limited number of options. 5.1.4 I can carry out a simple practical investigation, which involves up to two variables being investigated separately, with the teacher's support. 5.1.6 I can make simple conclusions from my direct observations.

Learning Outcome 4: How do our senses help us gather information? (4.1 – 4.3 Sound)			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
KWL Chart	5.1.1	KWL Pg 28	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea.
Activity 1 : Sound happens when something vibrates	5.4.1	Actvity 1 Pg 29	5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms. 5.1.7 I can apply scientific knowledge to practical situations.

Activity 2: How Sound travels	5.4.2	Activity 2 Pgs 29-30	5.1.3 I can use basic scientific knowledge to predict the outcome to an investigation. 5.1.4 I can carry out a simple practical investigation, which involves up to two variables being investigated separately, with the teacher's support. 5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms.
Activity 3 : Fill in the blanks with the words provided	5.4.2	Activity 3 Pg 30	5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms. 5.1.7 I can apply scientific knowledge to practical situations.
Activity 4 : Rice-Drum Activity	5.4.2	Activity 4 Pg 31	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea. 5.1.3 I can use basic scientific knowledge to predict the outcome to an investigation. 5.1.4 I can carry out a simple practical investigation, which involves up to two variables being investigated separately, with the

			teacher's support. 5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms. 5.1.7 I can apply scientific knowledge to practical situations.
Activity 5 : String Telephone	5.4.2	Activity 5 Pgs 32 - 33	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea. 5.1.3 I can use basic scientific knowledge to predict the outcome to an investigation. 5.1.4 I can carry out a simple practical investigation, which involves up to two variables being investigated separately, with the teacher's support. 5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms. 5.1.7 I can apply scientific knowledge to practical situations.

Activity 6	5.4.2	Activity 6 Pg 34	5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms. 5.1.7 I can apply scientific knowledge to practical situations.

Learning Outcome 4: How do our senses help us gather information? (4.4 – 4.6 Light)			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
KWL Chart	5.1.1	KWL Pg 36	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea.
Activity 7 : How Light Travels	5.4.4	Activity 7 Pgs 37 - 38	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea. 5.1.3 I can use basic scientific knowledge to predict the outcome to an investigation. 5.1.4 I can carry out a simple practical investigation, which involves up to two variables being investigated separately, with the teacher's support. 5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms. 5.1.7 I can apply scientific knowledge to practical situations.
Activity 8 : Sorting objects into luminous / reflectors;	5.4.5	Actvity 8 Pgs 38-39	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea.

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Is the moon a luminous object? Explain			5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms. 5.1.7 I can apply scientific knowledge to practical situations.
Activity 9	5.4.5	Activity 9 Pgs 39-40	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea. 5.1.3 I can use basic scientific knowledge to predict the outcome to an investigation. 5.1.5 I can record observations in a simple format. 5.1.5 I can make simple conclusions from my direct observations and link these using key scientific terms. 5.1.7 I can apply scientific knowledge to practical situations.

Learning Outcome 5: What is energy?			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
KWL chart	5.1.1	KWL Pg 42	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea.
Activity 1 & Activity 2	5.5.2	Actvity 1 Actvity 2 Pg 43	5.1.7 I can apply knowledge to practical situations.
Activity 3 – Investigation: Transfer of Energy	5.5.2	Actvity 3 Pgs 44 - 46	5.1.3 I can make a prediction about a situation from a limited number of options. 5.1.6 I can carry out a simple practical investigation, which involves up to two variable being invested separately, with the teacher's support. 5.1.7 I can record observations in a simple format. 5.1.8 I can make simple conclusions from my direct observations.
Activity 4	5.7.1	Actvity 4 Pg 46	5.1.3 I can make a prediction about a situation from a limited number of option. 5.1.6 I can make simple conclusions from my direct observations. 5.1.7 I can apply knowledge to practical situations.

Research: Scientists who were responsible for various electrical discoveries	5.5.3	Research Pg 47	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea.

Learning Outcome 6: What are things made of? (5.6.1 – 5.6.2 Magnetism)			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
KWL Chart	5.1.1	KWL Pg 49	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea.
Activity 1 – **Investigation:** Which materials are magnetic or non-magnetic?	5.6.1	Actvity 1 Pgs 50 – 51	5.1.1 I can ask questions about the world around me. 5.1.3 I can make a prediction about a situation from a limited number of options. 5.1.4 I can carry out a simple practical investigation, which involves up to two variables being investigated separately, with the

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			teacher's support. 5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations.
Activity 2 – Design and make a game which involves the use of magnets.	5.6.2	Actvity 2 Pg 52	5.1.7 I can apply knowledge to practical situations.

Learning Outcome 6: What are things made of? (5.6.3-5.6.4 Mixtures and Solutions)			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
Activity 3: Mixtures or Solutions	5.6.3	Activity 3 Pg 53	5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations.
Activity 4 – Investigation: Soluble and insoluble substances in water.	5.6.4	Activity 4 Pgs 54-55	5.1.1 I can ask questions about the world around me. 5.1.3 I can make a prediction about a situation from a limited number of options. 5.1.4 I can carry out a simple practical investigation, which involves

			up to two variables being investigated separately, with the teacher's support. 5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations.

Learning Outcome 6: What are things made of? (5.6.5-5.6.6 Separation Techniques)			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
Activity 5 : Separating Mixtures – Exploration Recording Sheet	5.6.5	Activty 5 Pg 56	5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations. 5.1.7 I can apply scientific knowledge to practical situations.
Activity 6 : Separating Mixtures	5.6.5	Actvity 6 Pg 57	5.1.7 I can apply scientific knowledge to practical situations.
Activity 7 : Research – Type of separation techniques	5.6.6	Actvity 7 Pg58	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea.

Learning Outcome 7: How does planet Earth support life?			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
KWL Chart	5.7.1	KWL Pg 60	5.1.2 I can ask questions about the world around me. 5.1.3 I can find out a simple scientific idea.
Activity 1	5.7.1	Actvity 1 Pg 61	5.1.7 I can apply scientific knowledge to practical situations.
Activity 2	5.7.1	Actvity 2 Pgs 61-62	5.1.2 I can find out a simple scientific idea.
Activity 4	5.7.1	Activity 4 Pgs 65 - 66	5.1.2 I can find out a simple scientific idea. 5.1.3 I can make a prediction about a situation from a limited number of options. 5.1.6 I can make simple conclusions from my direct observations. 5.1.7 I can apply scientific knowledge to practical situations.
Activity 5 : Research Science Occupations	5.7	Actvity 5 Pg 66	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea.

Activity 6 : Investigating soil	5.7.3	Activity 6 Pgs 67 - 69	5.1.3 I can make a prediction about a situation from a limited number of options. 5.1.4 I can carry out a simple practical investigation, which involves up to two variables being investigated separately, with the teacher's support. 5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations.
Activity 7	5.7.4	Actvity 7 Pgs 70 - 71	5.1.6 I can make simple conclusions from my direct observations. 5.1.7 I can apply scientific knowledge to practical situations.
Activity 8a : Sand dunes	5.7.4	Actvity 8a Pg 71	5.1.7 I can apply scientific knowledge to practical situations.
Activity 8b : Pollution	5.7.4	Actvity 8b Pg 72	5.1.7 I can apply scientific knowledge to practical situations.
Actvity 9 - Effects of negative human intervention	5.7.4	Actvity 9 Pg 72	5.1.2 I can find out about a simple scientific idea. 5.1.5 I can record observations in a simple format.
Activity 10 - Research: Endangered plant or animal	5.7.5	Actvity 10 Pg 73	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea.

Activity 11 – Poster designing	5.7.4	Actvity 11 Pg74	5.1.7 I can apply scientific knowledge to practical situations.
Activity 12 -Newspaper article/dialogue/email	5.7.4-5	Actvity 12 Pg 75	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out a simple scientific idea. 5.1.7 I can apply scientific knowledge to practical situations.

Learning Outcome 8: How do things move?			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
KWL Chart	5.7.1	KWL Pg 77	5.1.4 I can ask questions about the world around me. 5.1.5 I can find out a simple scientific idea.
Activity 1: My Own Skeleton (Cut out and put together a skeleton)	5.8.1	Activity 1 Pg 79	5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms.
Activity 2 – Investigation: Investigating Our Skeleton	5.8.1 5.8.2	Activity 2 Pg 81	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea. 5.1.3 I can use basic scientific knowledge to predict the outcome to an investigation. 5.1.4 I can carry out a simple practical investigation, which involves up to two variables being investigated separately, with the teacher's support. 5.1.5 I can record observations in a simple format. 5.1.6 I can make simple conclusions from my direct observations and link these using key scientific terms.

			5.1.7 I can apply scientific knowledge to practical situations.
Activity: Research X-Ray Machines	5.8.3	Research Pg 82	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea.

Learning Outcome 5.9: What is there out in space?			
Task	**LO**	**Page No.**	**BLO/s that may be assessed.**
KWL Chart	5.9.1	KWL Pg 84	5.1.6 I can ask questions about the world around me. 5.1.7 I can find out a simple scientific idea.
Activity 1	5.9.1	Activity 1 Pg 85	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea.
Activity 2	5.9.2	Activity 2 Pg 86-87	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea.

Activity 3	5.9.3	Activity 3 Pg 87	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea.
Activity 4 **Different times**	5.9.3	Activity 4 Pg 88	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea.
Activity 5 **Research:** The seasons	5.9.3	Activity 5 Pg 89	5.1.1 I can ask questions about the world around me. 5.1.2 I can find out about a simple scientific idea.