## **BGE Science**

## Science 101

## **Success Criteria**

assessments



- Success criteria form a list of key pieces of knowledge you need to know and understand for your
- Each criterion is matched to a BGE Level: second, third or fourth
  - o We hope almost all of you will feel confident with second level work
  - o Most of you will feel confident with third level work
  - o Some of you could even feel ready to start experiencing fourth level
- You should assess how confident you feel using the guide below
  - ✓ I am confident that I understand this and can apply this to problems.
  - ? I have some understanding but I need to revise this some more
  - \* I do not understand this and I need help with it
- Any success criteria you are not sure of, you should speak to a classmate who feels they understand it
  or ask your teacher to explain it again or differently
- They can be used to make flash cards, form mind maps or short questions to test your knowledge

I will be successful if I can		How well can you do this?		
3 <sup>rd</sup>	Identify the structures found in an animal cell	✓	?	х
3 <sup>rd</sup>	Describe the function of the structures found in an animal cell	✓	?	Х
3 <sup>rd</sup>	Identify the structures found in plant cell	✓	?	Х
3 <sup>rd</sup>	Describe the function of the structures found in a plant cell	✓	?	Х
3 <sup>rd</sup>	Describe the main similarities and differences between plant and animal cells	✓	?	Х
2 <sup>nd</sup>	Identify common forms of energy	✓	?	Х
2 <sup>nd</sup>	Describe the law of conservation of energy	✓	?	Х
2 <sup>nd</sup>	Give examples of everyday energy transformations	✓	?	Х
2 <sup>nd</sup>	Identify 'useful' energy and 'wasted' energy in energy transformations	✓	?	Х
3 <sup>rd</sup>	Describe the properties of metals and non-metals	✓	?	Х
3 <sup>rd</sup>	Describe how elements are organised in the Periodic Table	✓	?	Х
3 <sup>rd</sup>	Identify the alkali metals, halogens and noble gases on the Periodic Table and describe their reactivity	✓	?	X