



LEARNING JOURNEY

Biology

Topic 15- Genetic Technology

This module continues your learning journey from previous learning in Key Stage 3 about genetics and variation.

You will develop an understand of how organisms have changed over time due to the favourable characteristics that we have selected.

You will also learn how to think critically and advise which technologies are acceptable to use and which aren't.

THE
RIGHT
WAY **R**



READY
RESPECTFUL
RESPONSIBLE

Evolution and
Extinction

Selective Breeding

In this lesson you will learn how selective breeding works and give examples of when it is used

Genetic Engineering

In this lesson you will learn how genetic engineering is completed and examples of when it is used, and the ethical issues with the technology

Plant Cloning

You will learn different methods to produce genetically identical clones by cutting or tissue cloning

Animal Cloning

In this lesson, you look at how cloning animals is completed and the ethical issues.

VOCABULARY

Gene
Clone
Tissue
Characteristic
Inherit

Phenotype
Modification



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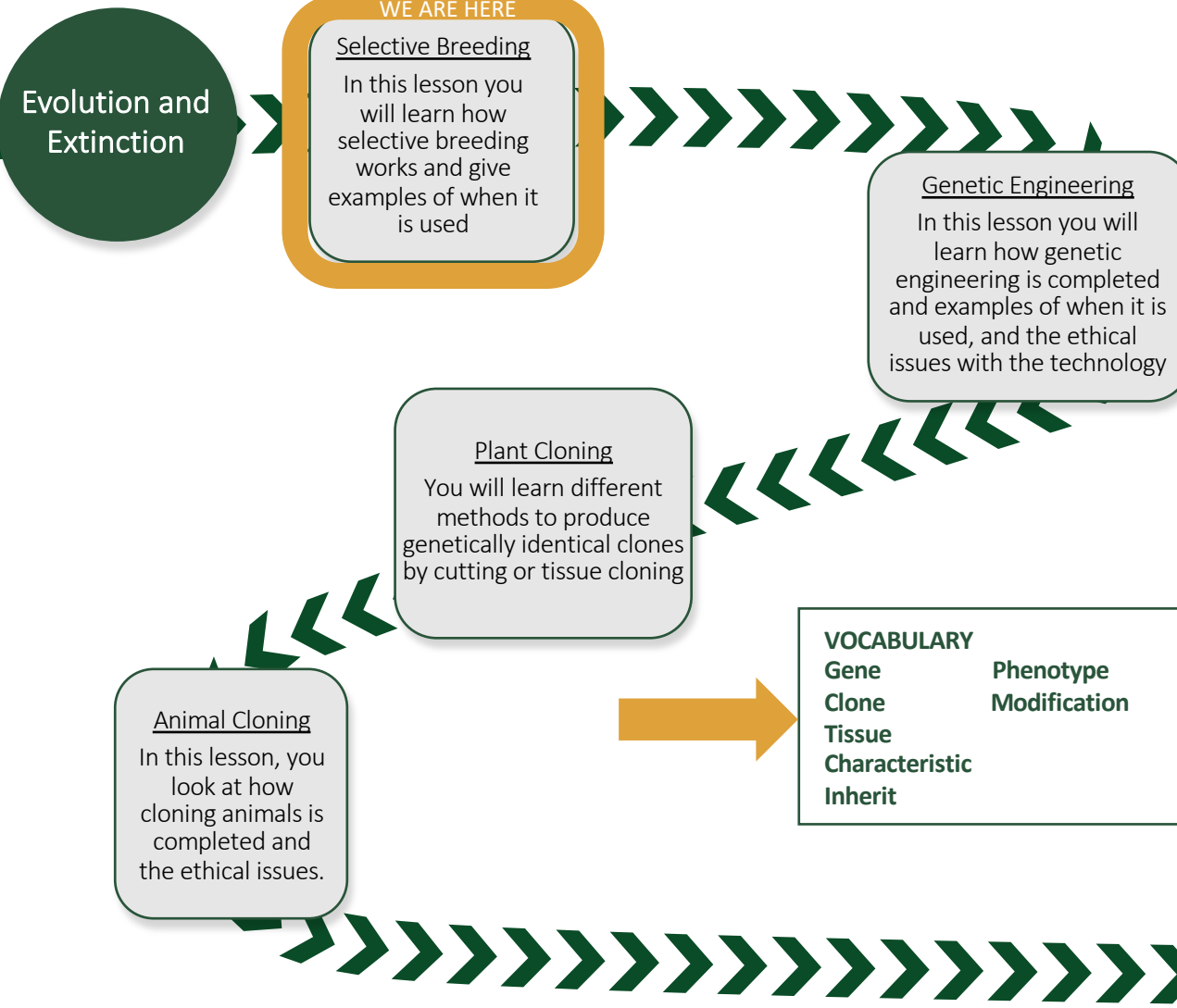
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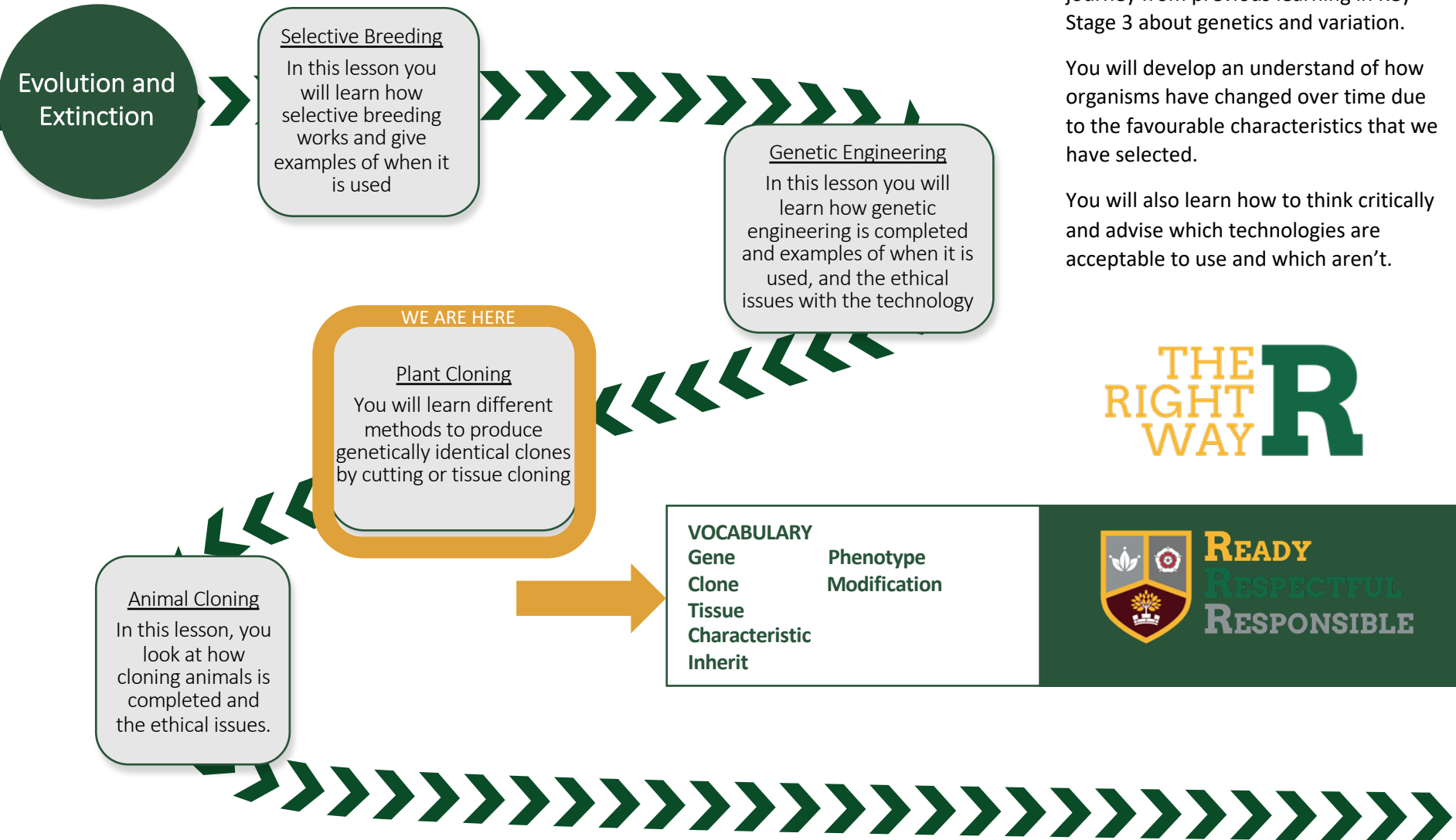
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