

# Science Revision Guidance for Year 7:

This table includes a list of everything studied in year 7 so far, you will be tested on a selection of topics from here in the end of year exam.

Topic	Key Ideas	Link to Bitesize:
Ecosystems	Food Chains & Food Webs Interdependence Predator Prey Relationships Pollination and Food Security Microbes Preventing Infection Fighting Infection	These topics can be found in the Biology section here: <a href="#">KS3 Biology - BBC Bitesize</a>
Genes	Human reproduction & pregnancy	These topics can be found in the Biology section here: <a href="#">KS3 Biology - BBC Bitesize</a>
Energy	Forms of energy Energy Transfers Useful and Wasted Energy Energy Resources Renewable & Non-Renewable Energy issues (advantages and disadvantages)	These topics can be found in the Physics section here: <a href="#">KS3 Physics - BBC Bitesize</a>
Matter	Particle Model Changes of State Elements, Mixtures and Compounds Separation Techniques	These topics can be found in the Chemistry section here: <a href="#">KS3 Chemistry - BBC Bitesize</a>
Organisms	Plant and Animal Cells Specialised Cells Cell Organelles Respiration and Photosynthesis	These topics can be found in the Biology section here: <a href="#">KS3 Biology - BBC Bitesize</a>
Reactions	Acids and Alkalis Reactions with Acids Metals and Non-Metals Reactivity Series Displacement Reactions	These topics can be found in the Chemistry section here: <a href="#">KS3 Chemistry - BBC Bitesize</a>
Forces	Contact and Non Contact Forces Force Diagrams Balanced and Unbalanced Forces Gravity and Weight	These topics can be found in the Physics section here: <a href="#">KS3 Physics - BBC Bitesize</a>