



The Super Curriculum complements the Avanti Grange taught curriculum. Super Curriculum activities take topics of study in the classroom further, allowing students to explore areas of interest in greater depth, and point students to additional topics of interest beyond the taught curriculum.

Super Curriculum activities can take a wide variety of forms. Students are free to choose the activity that most interests them. Participating in Super Curriculum activities will help students to broaden their horizons, nurture their love of learning, open their eyes to the world through different disciplines, and build their wider knowledge and cultural capital.

Year 7

	Research		Reading		Watch		Watch
Explore the microbial world. Choose one of the videos on the I Contain Multitudes Youtube Channel, watch it and then make a one-page information pack about the microbe you have studied adding pictures to illustrate it. Resources/Link: I contain multitudes You Tube channel: https://www.youtube.com/channel/UCnZK1E7WoLpFNIHHChgVMtw		Read about how strange the quantum world is with easy-to-understand explanations which use a pet dog to illustrate the concepts. Resources/Link: How to Teach Quantum Physics to Your Dog, by Chad Orzel (available in library)		Learn all about our solar system With Brian Cox Resources/Link: The Planets - BBC iPlayer		Find out about scientific theories in a fun and interesting series of YouTube videos Resources/Link: Crash Course Kids - YouTube	

	Visit		Reading		Reading		Watch
Activity Type: Trip or visit Activity: Visit the museums in Cambridge for an easy and entertaining look at natural sciences and the human sciences: Zoology Museum – look out for the enormous Giant Land Sloth, the many whales. Sedwick Museum – geological samples, volcanology, and dinosaur fossils. Resources/Link: https://www.museums.cam.ac.uk		Activity Type: Read the Big Bang Activity: Read about how the universe began, its vast scale and what may happen to it in the future. Resources/Link: The Big Bang (available in the library)		Activity Type: Read Focus Magazine Activity: A wonderful Weekly look at science developments around the world with fabulous illustrations and quick and entertaining articles. Resources/Link: https://www.sciencefocus.com/		Activity Type: Watch Activity: Catch up on the latest wildlife stories with David Attenborough and the impact of climate change on these environments in Frozen Planet II. Explore some of his earlier programs for an incredible look into the lives of animals, insects, and plants. Resources/Link: BBC iPlayer - Sir David Attenborough	