

Time	Audio	Visual
0:00-0:03	<i>No audio</i>	“Key Stage One: Introduction to Microbes – Microbe Mania”
0:04-0:09	We are going to explore the characteristics of different microbes	The resources are laid out on the table: stacked Petri dishes, pots of modelling clay, a few examples of clay microbes, and microbe toys which show the shapes of some of the common microbes
0:10-0:14	We will do this by creating our own microbes, viruses, fungi, and bacteria out of modelling clay	Example clay microbes in Petri dishes are divided into viruses, bacteria, and fungi
0:14-0:23	The resources required are different colours of modelling clay or salt dough per student, and Petri dishes or paper plates, although this is optional	The modelling clay pots, stacked Petri dishes, and modelling tools are laid out on the table
0:24-0:28	You can find a recipe for modelling clay available at www.e-Bug.eu	A screenshot of the e-Bug website on the “Key Stage 1: Introduction to Microbes” lesson page
0:29-0:32	Please take a moment to look at the e-Bug lesson plan for information on health and safety	“Please look at the e-Bug lesson plan for information on health and safety”
0:33-0:40	Ask students to create their own microbes. They could create bacteria, viruses, or fungi	Modelling clay is taken from the pots, rolled in the hand, and placed in the Petri dish when the desired shape is formed
0:40-0:52	Discuss with your class. What are some of the characteristics of different microbes? What do you think makes a microbe harmful or useful? This activity shows that microbes have a range of different characteristics	Newly formed clay microbes are placed into a Petri dish on the table
0:53-1:01	They range in size, how useful or harmful they can be, and shape. In reality, a microbe could not be seen with the naked eye	Example clay microbes, ranging in shape and size, are laid out on the table
1:02-1:06	Go to www.e-Bug.eu for more ideas on how to teach about microbes	“For the full lesson plan, extension activities, work sheets, answers, and much more visit the e-Bug website: www.e-Bug.eu ”