

| 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 ” |