

Viral Contagion - Pupil Introduction Script

(To be read aloud before distributing the resource or beginning the main activity.)

"Good morning, everyone. Today, we are going to start a new and engaging maths resource that focuses on **mathematical modeling**—which is about using numbers to understand how things work in the real world.

The activity is called **Viral Contagion**, and it uses a scenario to help us practice key concepts like **exponential growth** and **data analysis**.

I need to make two important points before we start:

1. **Fiction, not Fact:** The scenario in this resource is based on a **fictitious (made-up) outbreak**. It is purely for practicing your maths skills.
2. **Creation Date:** This material was actually created and published **before** the COVID-19 pandemic ever happened.

We know that the last few years have been difficult for many of us, and talking about things like this can bring up memories. If, at any point during this lesson, the subject makes you feel uncomfortable, worried, or upset, please **just raise your hand discreetly** or come and speak to me privately. You won't be in any trouble, and we can find you an alternative task.

The goal of this lesson is simply to improve your mathematical skills in a challenging way. We are here to support you. Let's get started."

B.Usher
LGfL
November 2025

