

## SW1 - Herd Immunity Scenario

### Herd Immunity Scenario: Student Worksheet

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| --- | --- | --- | --- | --- | --- | --- |
| Day | 25% |  | 50% |  | 75% |  |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |

Use this sheet to record your observations after each stage of the scenario. Then add your conclusions.

As more people get vaccinated, what happens to the spread of the infection?   
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Draw a graph to illustrate the results.

Conclusions

1. What is herd immunity?  
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2. What happens when vaccination drops to a low level within the community?  
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3. Why is a vaccine regarded as a preventative measure and not a treatment?  
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