Immune Patrol Pilot in Wales - Evaluation 2025-2026

The **Vaccine Preventable Disease Programme** is a national public health programme that aims to protect communities by increasing vaccination uptake and reducing vaccine-preventable diseases

The **Public Engagement Team** provides insights from engagement with the Welsh public to understand the facilitators and barriers to vaccine uptake in Wales

Background

Immune Patrol is a World Health Organization game based education programme. It teaches young people age 10-12 about vaccination, infectious diseases and the immune system over 6 modules. Young people say school is the best place for them to learn about vaccinations. During the pilot period 33 schools registered interest, and 5 schools with 188 pupils completed the full programme.



Young people...

To find out if Immune Patrol helped young people to learn, we gave them a knowledge quiz before and after to measure their learning. This told us that Immune Patrol increases knowledge and is an effective way to learn. Some modules had a greater learning impact - these include learning about herd immunity and vaccine development. At the end of the programme young people also had an increased desire to learn about their health.

Teachers ...

Teachers told us that Immune Patrol helped improve confidence discussing vaccination; improved young people's knowledge; and pupils stayed engaged with the games-based activities. Teachers think Immune Patrol links well with the curriculum within science and health and wellbeing, and liked the platform being available in English and Welsh.

"The pupils were still talking about what they had learned....."
"...I would certainly deliver it again next year"

Recommendations

- **Recommend Immune Patrol across Wales to support vaccine literacy in schools.**
- **Develop teacher education toolkit and resources.**
- **Work with school networks and health boards to support further use of Immune Patrol across Wales.**
- **Highlight the most effective modules to deliver if schools can't deliver the full programme.**