



Rossall

YEAR 6
EXHIBITION:
MICRO-ORGANISMS

MICRO-ORGANISMS ARE TINY
LIVING THINGS THAT CAN
BENEFIT OR HARM US.

What is the Exhibition?

It is a requirement of the Primary Years Programme (PYP) that students in their final year of Junior School take part in an Exhibition Unit of Inquiry. The Exhibition gives the students the opportunity to plan what they wish to study, how they wish to work and how they wish to demonstrate their understanding.

The exhibition has a number of purposes:

- for students to engage in an in-depth, collaborative inquiry that incorporates the elements of the PYP
- to provide students with an opportunity to demonstrate independence and responsibility for their own learning
- for students to apply their learning of previous years and to reflect on their journey through the PYP
- to provide students with an opportunity to share their learning with students, teachers, parents and other members of the school community
- to provide an authentic process for assessing student understanding
- to demonstrate how students can take action as a result of their learning
- to celebrate the transition from primary to middle school.

For our exhibition this year, we have chosen to study Micro-organisms and will decide who to work with, what particular aspects we are interested in investigating and how to use our time. We will select different ways to share the research – for example using PowerPoint or posters, models and experiments, poetry or informational writing.

Our central idea for this unit of inquiry is: *Micro-organisms are tiny living things that can benefit or harm us.*

Our lines of inquiry are:

- Micro- organisms (bacteria, viruses, protozoa, algae, fungus)
- Where we find micro- organisms
- Diseases (past and present) and how they spread
- Medicines, vaccinations and medical advances against micro-organisms
- Helpful micro- organisms (in food, waste management, natural cycles)
- Famous scientists and their discoveries linked to micro-organisms.

It is important to remember that the process of the exhibition is just as important as the final product and the students will need to manage their time and may need support finding the appropriate resources and information. However, it should be a true reflection of each student's skills and attitudes as well as their understanding of the central idea.

The final presentation to parents will take place between **4-6pm on Wednesday 30th June** in the Museum Theatre.