

## Sink or Float?

沉或浮？



The second grade students have been learning why boats float. They understand what gravity is, what buoyancy means, and how these two forces can affect an object when tossed into water.



Through hands on activities, the students were able to observe that something that is big (heavier) does not always sink, and something that is small (lighter) does not always float.



For their project, the students have to design a boat that can stay afloat, can carry a certain weight and stay balanced. We have completed the 'Planning' phase of the project and are now looking forward to building and testing the boats in the second term.



二年級學生探究「船為何會浮在水面上？」，他們了解「重力」及「浮力」的概念，當物體被丟到水裡時，重力及浮力皆會影響該物體。



透過動手學習，學生觀察到重的物體不一定會沉，而輕的物體也不一定會浮。

接下來的專題，學生要設計能浮在水面上的船，並能承載一定重量以及維持平衡。學生們在完成計畫階段後，將進入大家期待的「實作與測試」。