

## SCIENCE UPDATE

### 06/06/17

#### Pre-Primary and Year 1

Our Pre-Primary and Year 1 students have been so excited to begin their new unit, 'Look, Listen'. Our senses of hearing and vision are providing us with information all the time. But how? Our students began the unit by identifying all of the objects in a room that can make a noise. We started to think about how the sound gets to our ears.

#### Year 2 and 3

Year 2 and 3 have been loving their 'Push-Pull' unit, becoming experts on all of the forces at work in the world around them. Have you ever held a ball underwater and then let go? We have...



While we know that gravity is a natural force that is always pulling objects towards the centre of the earth, water can also provide a strong upwards pushing force. So strong, in fact, that when we held the ball underwater and released it, it came rushing up and became airborne, making an awful mess!



We also found that if you lower a heavy object and rest it on the surface of the water, it feels lighter. This is because you now have the upwards pushing force of the water helping you to defeat gravity.

#### **Year 4 and 5**

What makes bees such great pollinators? Year 4 and 5 have learnt that bees have evolved to have such features as pollen sacs on their hind legs and sticky hairs which are perfect for trapping pollen. This alliance between bees and flowers is just one of the symbiotic relationships the students are learning about in their 'Friends or Foes' unit.

#### **Year 6**

Year 6 continue with their unit 'It's Electrifying'. There is little doubt that the humble light globe is an invention that has made a massive difference in the lives of all of us. But have you ever stopped to think about how they actually work? Well, our Year 6 students could now tell you all about it. In a traditional globe, it is a tungsten filament that, when connected to a circuit of conducting materials, converts the electrical energy into heat and light energy.

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