**Planning, Teaching, and Assessing Science**

**Introduction:** We encourage these units to be inquiry-based, and integrated with other subjects, particularly English and ICT.

**Curriculum:** We use the National Curriculum for Science and have selected specific units for each year level. You will find your Year level curriculum objectives and specific units in this binder.

**Planning:** Year 1-2 have three units, Year 3-6 have four units. We use Understanding by Design (UBD) to plan our Science units. The planning template that corresponds to Atlas is included in this binder and can be found on the network at: primary/curriculum/UBD/planning template.

**Teaching Resources:** Each Science unit has a box of resources located down in the ERC. Additional lab resources/equipment are there as well. At RP additional student texts to support the units are located in the teacher resource room in the library. At CP these additional text resources are located in classrooms and the ERC. A few of the core resources we use are:

STAR Science

Scholastic 100 Science: Framework, Homework, and Assessment Lessons (3 books)

Practical Primary Science (pdf file on the network)

Letts Science: Student books

We strongly encourage the use of meaningful learning beyond the classroom. This includes field trips, guest speakers, etc. A list of field trip resources is also included in this binder.

**Online subscriptions**:

www.brainpopjr.com

Username: ycisshpd

Password: 456123

After-Hours Username: ycisshpd\_teacher

After-Hours Password: 456123

Helpful resources:

<http://www.tes.co.uk/teaching-resources/>

<http://www.iboard.co.uk/>

<http://www.brainpop.com/educators/new_subscribers/>

<http://www.primaryresources.co.uk/>

**Assessment:** Formative assessment takes place during the course of each unit and may occur in a variety of ways, generally in consultation with the year group.

Summative assessments are common across the year level, generally performance-based (assessed with a rubric), and are developed collaboratively. By using UBD, the assessment is identified and developed before the unit is planned ensuring the close link between instruction and assessment.

**Assessment Resources:**

Measuring Success in Science

STAR Science

Scholastic 100 Science Assessment Lessons