Science Pedagogy

Kick Start

- Explorify activity

Setting the Scene

- Sharing objective and working scientifically focus
- Recap/
- assess previous knowledge

Guided Practice

- Introduce learning (practically modelling/ showing stimulus etc)
- Ask questions to elicit learning as well as promoting children to ask own questions
- Introducing vocabulary
- Modelling scientific working and use of equipment
- Teaching of any key knowledge/ concept

Independent Application

- Working scientifically – observing over time, pattern seeking, comparative and fair testing, identifying, classifying and grouping and researching using secondary sources
- Asking and answering questions
- Developing their own lines of enquiry
- Recording learning
- Drawing conclusions using scientific vocabulary

Review and Assess

- Share findings, conclusions, learning
- Address misconceptions
- Further questions for independent enquiry
- Self-assessment

East Park Primary School