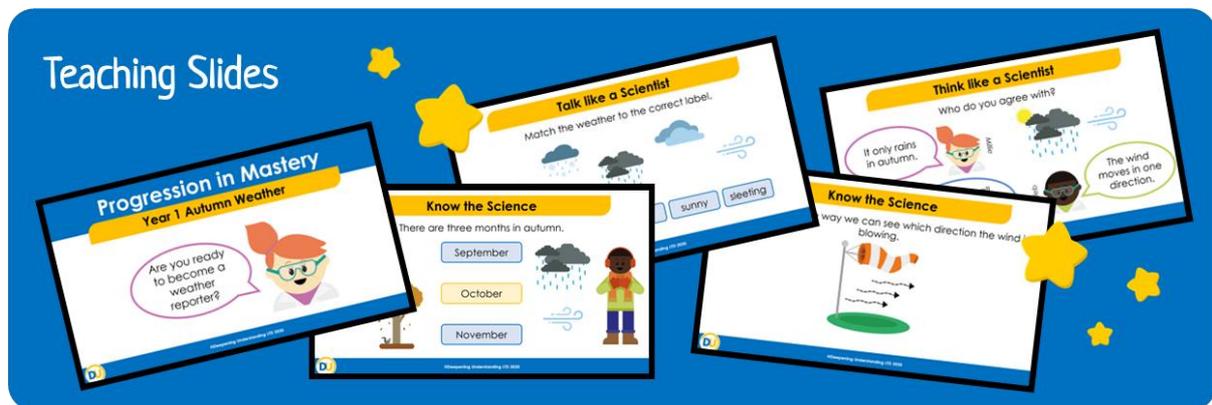


DU Year 1 Science Planning

Small Steps Guide

Thanks for downloading this DU Science Small Steps Guide for our 'Progression in Mastery' resource range. The steps we provide meet statutory and non-statutory standards, designed specifically to deliver the National Curriculum expectations. The units provided are taken directly from the programmes of study.

Components of our Science PIM Range



All the science steps devised by our team come with editable teaching slides so you can easily use DU as a basis for your next lesson. The PowerPoints provided have been given a unique structure specifically linked to our philosophies as well as the teaching of science.

The following consistent slide structures are applied throughout all year groups although they are only drawn upon where they naturally fit within a lesson:

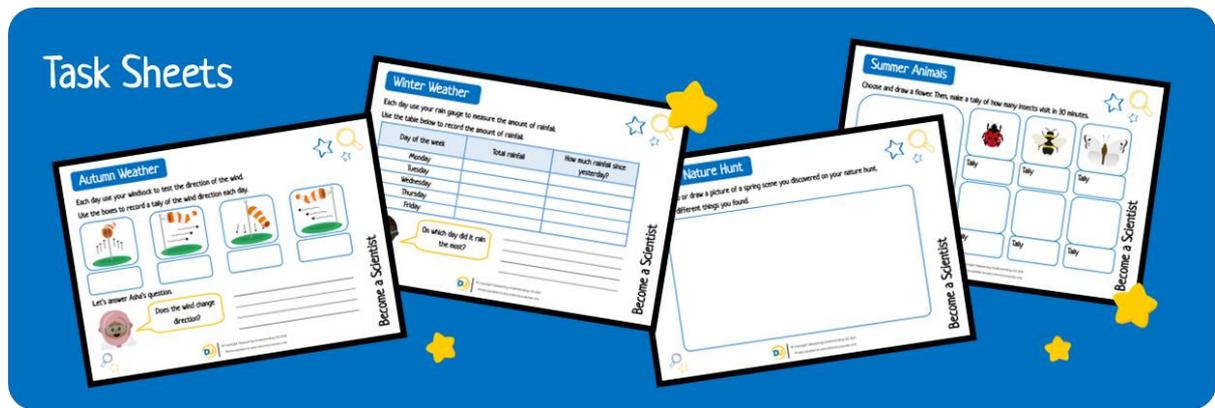
- Remember the Science
- Know the Science
- Talk like a Scientist
- Think like a Scientist (includes concept cartoons to address misconceptions)
- Act like a Scientist
- Become a Scientist
- Exit Task - Checking the Tricky Bits

Famous scientists feature throughout

Did you know that one set of teaching slides in each unit of science is dedicated to educating children about the lives of a diverse range of scientists? The case studies we have selected demonstrate how science has changed our lives and contributed to the prosperity of the world as we see it today.

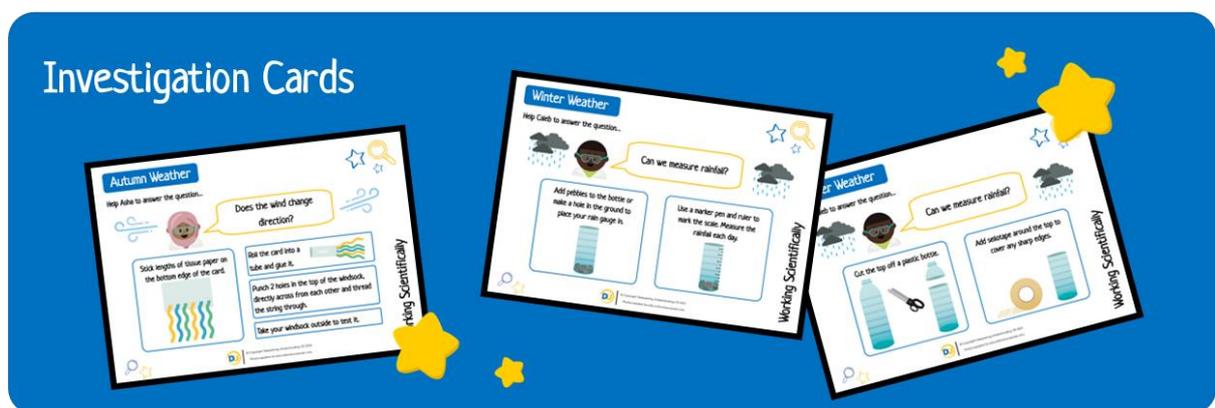


Task Sheets



In each step, you are provided with tasks for independent activities to evidence learning. These write-on worksheets are perfect for whole class teaching and offering a balance for all learners. They provide a structure for all pupils to access learning from the same starting point whilst also acting as a guide for encouraging pupils to record their own learning. Through use of our task sheets, we believe that greater depth pupils will naturally demonstrate their ability through the detail of their responses and precise scientific vocabulary they apply.

Investigation Cards



Within practical steps, investigation cards can be downloaded. In Key Stage 1, these can be easily shared with pupils on your classroom's screen and in the latter primary years, pupils may be able to follow these as a means of leading their own investigations. The cards detail the line of enquiry, equipment needed and the method of investigation. These could even be used for your own professional practice, allowing you the chance to test the activity before delivering it yourself.

Our Small Steps Collection

The grids below outline how you may sequence each unit of science in your Year 1 learning journey across the year. DU always encourages you to make changes to the materials we provide to suit the needs of pupils you teach and align our materials to any school philosophies as part of your research-driven curriculum. These steps are versatile – they can be used within a single lesson or spread across multiple sessions of science.

Unit 1: Seasons

For this unit, teach steps 1-3 before steps 4-7 in the autumn term. Then, teach each succeeding 4 steps in each seasonal period across the year.

Step Number	Pack Name
001	What Is a Season? (Part One)
002	What Is a Season? (Part Two)
003	Changes in Daylight
Autumn	
004	Autumn Nature Hunt
005	Autumn Animals
006	Autumn Weather
007	Autumn Clothes
Winter	
008	Winter Nature Hunt
009	Winter Animals
010	Winter Weather
011	Winter Clothes
Spring	
012	Spring Nature Hunt
013	Spring Animals
014	Anders Celsius *COMING SOON*
015	Spring Weather
016	Spring Clothes
Summer	
017	Summer Nature Hunt
018	Summer Animals
019	Summer Weather
020	Summer Clothes



Unit 2: Animals including Humans

Step Number	Pack Name
021	Pets
022	Wild Animals
023	Steve Backshall *COMING SOON*
024	What Do Animals Eat?
025	We Are Animals

Unit 3: Senses

Step Number	Pack Name
026	Sight
027	Hearing
028	Smell
029	Linda Brown Buck *COMING SOON*
030	Taste
031	Touch
032	The Human Body

Unit 4: Plants

Step Number	Pack Name
033	Where Do We See Plants?
034	Beatrix Potter *COMING SOON*
035	Trees
036	Roots, Stems and Trunks
037	Flowers



Unit 5: Everyday Materials

Step Number	Pack Name
038	Everyday Objects and Their Materials
039	What's It Made From?
040	More Materials
041	Transparent and Opaque
042	Waterproof or Absorbent?
043	Charles Mackintosh *COMING SOON*
044	Design a House

