	EWANRIGG JUNIOR SCHOOL		SCIENCE- PROGRESSION OF SKILLS		
	Predictions	Observation	Investigation	Recording	Conclude and report
NAVIGATORS YEAR 5/6 Cycle A BI 1- AUTUMN - WORLD OF BRIGHT IDEAS- FORCES WARI-SPRING - WAR OF THE WORLDS-LIGHT AMI-SUMMER - COME FLY WITH ME AMERICA- MATERIALS FOB-SUMMER - FULL OF BEANS- ELECTRICITY Cycle 2 MC 2- AUTUMN - MISSION CONTROL-EARTH AND SPACE IHAD 2- SUMMER CYCLE B- I HAVE A DREAM-LIVING THINGS AND ADAPTATION GWIZ - SUMMER - GLOBAL WARMING - MATERIALS GWTF 2 - SPRING - GO WITH THE PLOW	5661 Use test results to make predictions and set up further comparative and fair tests AM 1 31 GW 2 GWTF 2 5651 Make predictions based on accientific knowledge and understanding AM 1 BI 1 FOB W2 THAD 2 WAR 1 GWTF 2 5649 Use results to make predictions for further tests AM BI 1 GW 2 GWTF 2 5639 Make predictions based on accientific knowledge AM 1 BI 1 50B GW 2 THAD 2 WAR 1 50B GW 2 THAD 2 WAR 1 50WTF 2	Sc56 Decide when observations and measurements need to be checked, by repeating, to give more reliable data BI 1 GW 2 GWTF 2 Sc27 Make close observations and comparisons BI 1 GW 2 GWTF 2	Sc57 Select information from a range of sources AM BI 1 GW 2 IHAD 2 GWTF 2 Sc53 Recognise and control variables where appropriate during investigations BI 1 OB GW 2 WAR GWTF 2 Sc52 Carry out a range of scientific investigations BI 1 FOB GW 2 GWTF 2 Sc50 Select and plan the most appropriate type of scientific enquiry to answer specific questions AM 1 BI 1 FOB GW 2 IHAD 2 GWTF 2 Sc46 Select information from provided sources AM 1 BI 1 GW 2 IHAD 2 GWTF 2 Sc43 Carry out a fair test explaining why it is fair BI 1 FOB GW 2 GWTF 2 Sc41 Begin to recognise and control variables where appropriate during investigations BI 1 FOB GW 2 WAR 1 GWTF 2 Sc40 Carry out a range of scientific investigations AM	Sc58 Record data and results of increasing complexity, using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models, making appropriate use of ICT AM1 BI1 FOB GW2 IHAD 2 WAR1 GWTF2 Sc55 Take measurements using a range of scientific equipment with accuracy and precision BI 1 GW2 WAR1 GWTF2 Sc47 Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs AM1 BI1 FOB I GW2 IHAD2 WAR1 GWTF2 Sc44 Take measurements using a range of scientific equipment with increasing accuracy and precision BI1 GW2 WAR1 GWTF2	Sc60 Present reports of findings in written form, displays and presentations AM1 BI 1 GW 2 THAD 2 GWTF 2 Sc59 Reporting findings from investigations, including written explanations of results, explanation involving causal relationships, and conclusions AM1 BI 1 GW WAR1 GWTF 2 Sc56 Decide when observations and measurements need to be checked, by repeating, to give more reliable data BI 1 GW 2 GWTF 2 Sc54 Identify scientific evidence that has been used to support or refute ideas AM1 BI 1 FOB GW 2 IHAD 2 GWTF 2 Sc48 Produce written explanations of results, causal explanations and conclusions AM1 BI 1 GW GWTF 2 Sc45 Understand why observations and measurements need to be repeated BI 1 GW 2 WAR1

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		Sc38 Plan different types of scientific investigations AM BI 1 FOB 1 GW 2 WAR 1 GWTF 2		patterns and offer explanations for these BI 1 GWTF 2
ADVENTURERS Sc26 Put forward ideas about 3 YEAR 3/4 testing and make predictions 4 YEAR 3/4 testing and make predictions 4 YEAR 3/4 testing and make predictions 4 YEAR 3/4 sc17 Suggest what might happen 3 AUTUMN - MAY in comparative and fair tests 4 AUTUMN - MAY in comparative and fair tests 4 THE FORCE BE WITH YOU - Sc15 Ask relevant questions AFR1 FORCES ATHENS Vs SPARTA - FORCES 4 AFR1 - SUMMER - COME FLY WITH ME AFRICA - 4 ANIMALS INCLUDING 4 4 4 HUMANS UTC1 - SUMMER - 0 4 4 UNDER THE CANOPY - PLANTS 4 4 4 AND HABITATS AND HABITATS 4 4 4 VEED - ELECTRICITY FIT 2 - ATUMN- 4 4 4 ROCKS AND SOILS 4 5 5 5 5 5 5 5 5 5 5 5 5	Sc28 Observe patterns and suggest explanations AFR 1 Sc27 Make close observations and comparisons AFR 1 Sc18 Make careful observations and comparisons AFR 1	Sc25 Set up and carry out simple practical enquiries, comparative and fair tests Sc19 Recognise what constitutes a fair test Sc16 With help, set up and carry out simple practical enquiries, comparative and fair tests AFR 1	Sc35 Gather and record findings through drawings, photographs, labelled diagrams, keys, models, presentations, tables, graphs and displays, using scientific language AFR 1 Sc34 Use a range of equipment, including data loggers and thermometers Sc32 Make accurate measurements using standard units and begin to think about why measurements should be repeated Sc29 Collect data Sc21 Make measurements using standard units	Sc37 Use results to draw simple conclusions, suggest improvements and raise further questions Sc36 Report on what the evidence shows through written explanations of results and conclusions and reports Sc33 Use scientific evidence to answer questions AFR 1 Sc31 Identify simple trends to answer questions AFR 1 Sc30 Recognise and explain why a test is fair or unfair Sc24 Use results to draw simple conclusions Sc23 Communicate findings using simple scientific language in written explanations, drawings, labelled diagrams, keys, bar charts or tables AFR 1

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POP 2 - SUMMER - PICTURE OUR PLANET - SOUND CF 2 - SUMMER - CRY FREEDOM					Sc22 Discuss and describe findings AFR 1 Sc20 Identify simple patterns, changes, similarities and differences AFR 1
PATHFINDERS	Sc7 With help, suggest some ideas and questions and predict what might happen Sc1 Suggest what might happen and perform simple tests	Sc4 Make simple comparisons through observation Sc6 Explore and observe in order to collect data and describe and compare findings Sc8 Use first-hand observation, own experience and simple information sources to make comparisons and answer questions Sc9 Observe closely using simple equipment	Sc12 Perform simple tests Sc1 Suggest what might happen and perform simple tests	Sc13 Record findings in various formats using standard units, drawings, diagrams, photographs, simple prepared formats such as tables and charts, tally charts, and displays Sc10 Recognise ways in which evidence can be collected Sc3 Collect evidence to try to answer a question Sc2 Explore using senses and record findings in simple ways	Sc14 Say whether what happened was what was expected and draw simple conclusions to help answer questions Sc11 Use simple scientific language

MTFBWY 1 RTF 2 UTC 1 AVS 1 CF 2 LS 2 POP 2 - COVER ALL SCIENCE SKILLS IN ADVENTURERS