Planning a Science Investigation

	Week One	Week Two	Week Three	Week Four	Week Five	Week Six	Week Seven	Week Eight	Week Nine	Week Ten
Year 3	Baseline Assessment	Defining Variables	Defining Variables	Defining Variables	Designing Questions	Designing Questions	Designing Questions	Making Predictions	Making Predictions	Summative Assessment
Year 4	Baseline Assessment	Defining Variables	Defining Variables	Designing Questions	Designing Questions	Making Predictions	Making Predictions	Justifying Predictions	Justifying Predictions	Summative Assessment
Year 5	Baseline Assessment	Defining Variables	Defining Variables	Designing Questions	Designing Questions	Making and Justifying Predictions	Making and Justifying Predictions	Writing Methods	Writing Methods	Summative Assessment
Year 6	Baseline Assessment	Defining Variables	Designing Questions	Making and Justifying Predictions	Making and Justifying Predictions	Writing Methods and Equipment	Identify Risks and suggest Control Measures	Planning an Entire Investigation	Planning an Entire Investigation	Summative Assessment

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Presenting and Analysing Data

	Week One	Week Two	Week Three	Week Four	Week Five	Week Six	Week Seven	Week Eight	Week Nine	Week Ten
Year 3	Baseline Assessment	Selecting the type of data to gather stating clearly the independent variable and dependent variables.	Selecting the type of data to gather stating clearly the independent variable and dependent variables.	Selecting the type of data to gather stating clearly the independent variable and dependent variables.	Completing results tables or other data capture mechanism	Completing results tables or other data capture mechanism	Drawing / Using results tables or other data capture mechanism	Drawing / Using results tables or other data capture mechanism	Drawing graphs from the data + Spotting trends or patterns in the data	Summative Assessment
Year 4	Baseline Assessment	Selecting the type of data to gather stating clearly the independent variable and dependent variables.	Selecting the type of data to gather stating clearly the independent variable and dependent variables.	Drawing / Using results tables or other data capture mechanism	Drawing / Using results tables or other data capture mechanism	Drawing graphs from the data or other data capture mechanism	Drawing graphs from the data or use other means of presentation	Spotting trends or patterns in the data	Writing a conclusion	Summative Assessment
Year 5	Baseline Assessment	Selecting the type of data to gather stating clearly the independent variable and dependent variables.	Completing results tables or other data capture mechanism	Drawing / Using results tables or other data capture mechanism	Drawing graphs from the data or use other means of presentation	Drawing graphs from the data or use other means of presentation	Spotting trends or patterns in the data	Spotting trends or patterns in the data	Writing a conclusion	Summative Assessment
Year 6	Baseline Assessment	Selecting the type of data to gather stating clearly the independent variable and dependent variables.	Drawing or Using own results tables or other data capture mechanism	Drawing graphs from the data or use other means of presentation	Drawing graphs from the data or use other means of presentation	Spotting trends or patterns in the data	Writing a conclusion	Explaining Conclusions	Explaining Conclusions	Summative Assessment

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Evaluating a Science Investigation

	Week One	Week Two	Week Three	Week Four	Week Five	Week Six	Week Seven	Week Eight	Week Nine	Week Ten
Year 3	Baseline Assessment	State if results matched predictions & Comment on the validity of data	State if results matched predictions & Comment on the validity of data	State if results matched predictions & Comment on the validity of data	Spot anomalies in the data	Spot anomalies in the data	Explain anomalies in the data	Explain anomalies in the data	Suggest measures to prevent anomalies	Summative Assessment
Year 4	Baseline Assessment	State if results matched predictions & Comment on the validity of data	State if results matched predictions & Comment on the validity of data	Spot anomalies in the data	Spot and Explain anomalies in the data	Spot and Explain anomalies in the data	Suggest measures to prevent anomalies	Suggest measures to prevent anomalies	Design another experiment that could produce similar results	Summative Assessment
Year 5	Baseline Assessment	State if results matched predictions & Comment on the validity of data	Spot anomalies in the data	Spot and explain anomalies in the data	Spot and Explain anomalies in the data	Spot and Explain anomalies in the data	Suggest measures to prevent anomalies	Design another experiment that could produce similar results	Design another experiment that could produce similar results	Summative Assessment
Year 6	Baseline Assessment	State if results matched predictions & Comment on the validity of data	Spot and explain anomalies in the data	Spot and explain anomalies in the data Suggest measures to prevent anomalies	Spot and explain anomalies in the data Suggest measures to prevent anomalies	Design another experiment that could produce similar results	Design another experiment that could produce similar results	Produce a full science report	Produce a full science report	Summative Assessment

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