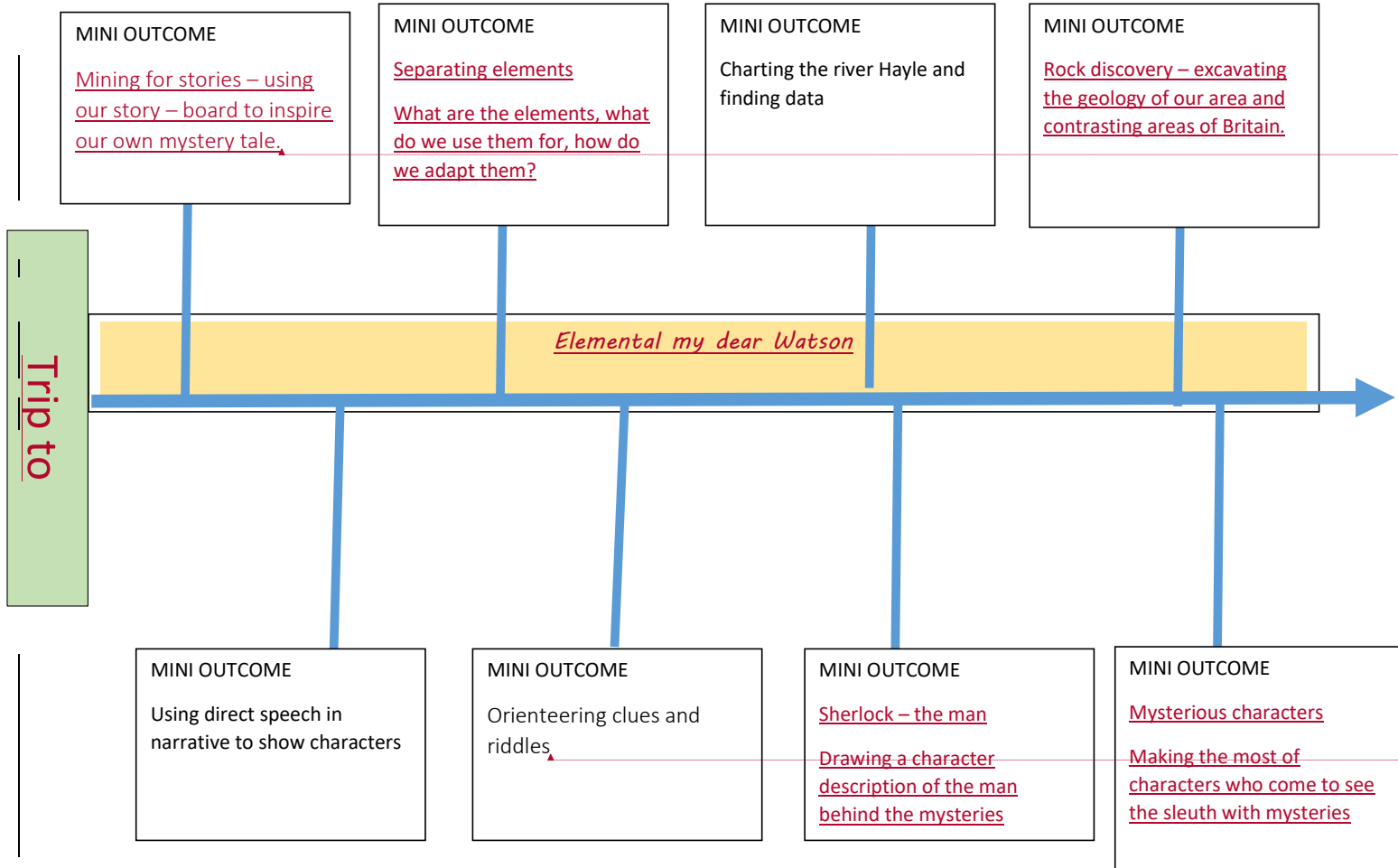




Topic	Launch	Class Book	End Authentic Outcome
<p>Essential Question What is an element? How does Holmes use them? Can we model an element?</p> <p>What will the classroom look like?</p> <p>Science investigation area – Clipboard Beakers etc _ Crime scene investigation area _ coat peg for science area white coat/ tweed coat/deerstalker _ books about mysteries, children’s versions of Sherlock Holmes _ rock collections _ samples of periodic tables</p>	<p>Developing the classroom</p> <p>Using science area for investigating materials i.e. hardness, magnetism, solubility Using the sleuth’s office to introduce different characters to the story and character portraits Story map of the class story based on ‘The Speckled Band’ Sentences displayed from the pupils’ own work and for reference</p>	<p>Class Book</p> <div data-bbox="913 483 1283 683" style="border: 1px solid black; padding: 5px;"> <p>Synopsis</p> <p><i>Shadow Jumper</i> by J. H. Fenner Shadow Jumper is winner of the Gold Award in the 10th Shelf Book Awards 2014. A thrilling mystery adventure with contemporary themes, for children aged 10 and above. The truth is out there somewhere...but how far will Jack jump to find it? Jack Phillip’s allergy to sunshine confines him to the shadows, leaving him lonely and at risk of life-threatening burns every time he steps into the light. Shadow jumping on the rooftops at dusk makes him feel alive. And free. But Jack’s condition is suddenly worse than ever and only his missing scientist dad can save him. As Jack and his new friend, Beth, begin their frantic search and delve into his dad’s past for clues, they have no idea what they are about to uncover. Shocking rumours and dark secrets bombard them at every turn. Shadow Jumping takes courage. But when it comes to the truth, will Jack be brave enough to face it?</p> </div> <p>Trips/visits to support project River Hayle from Lelant to Relubbus and St Erth Outdoor learning – woods and beach Truro Museum mineral collection</p> <p>Use of outdoor class Woods – being the ‘Shadow Jumper’ – filming action shots/ sequences Beach – rock and element study Rivers investigation</p>	<p>End Authentic Outcome</p> <p>Orienteering – type hunt for clues to solve a mystery</p> <p>Literacy genres Mystery Character portraits Formal letters Building suspense Narrative Formal and informal conversations Fact files poetry</p> <p>Innovative use of ICT Action sequences Green screen app</p>



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ELEMENTAL MY DEAR WATSON.

English

Writing character sketches to include in mystery stories

Drama activities to help 'show, not tell' characters

Suspense build – up techniques

Scientific writing

Poetry

Clues and puzzles

Merging the topic of 'elements' with the mystery sleuth Sherlock Holmes will be the challenge this term, with our class being transformed into that famous Baker Street office, complete with Scientific lab and deerstalker.

Science

Exploring the elements and materials around us:

- Evaporating and condensing
- Dissolving
- Insulators
- Rocks and soils
- Solid, liquid, gases
- Reversible and irreversible changes
- Making effective scientific investigations

Geography

Geology of Cornwall

Rock – different types, formations

Features of the River Hayle field trip

Using data recording including GIS

River features from around the world

Orienteering activity for end outcome

Assessment preparation to include:

Revision of year 4 and 5 math curriculum as appropriate

Continued use of data across the curriculum

Expansion of writing for different purposes across all subjects

Reading for pleasure and understanding

Spelling practice

Grammar extension and development for accuracy and clarity

PE

Hockey

Tag rugby

Music/Art

Kandinsky – drawing the elements in music

Observational drawings of rocks

Clay modelling of formations in geology