Summer 1 Year 3 Rocks

Year 3 Summer 1		Bold = objective for this lesson Normal = Overall objective that they are working towards.	Subject Knowledge	Pedagogical Content (how you will teach)
Week 1 6.5 hours	Animals, including humans. Science Week	Lesson 1 I am learning to identify rocks by their appearance. I am learning to compare and group rocks based on their appearance and physical properties, giving a reason. Lesson 2 I am learning to identify the different types of natural rock. I am learning describe and explain the difference between sedimentary and igneous rock. Lesson 3 I am learning to set up simple practical enquiries, comparative and fair tests I am learning to make careful observations using a range of equipment I am learning gather, record, classify and present data in a variety of ways to help in answering questions I am learning to record findings using simple tables I am learning to report on findings through conclusions and discussions I am learning to compare and group rocks based on their appearance and physical properties, giving a reason Lesson 4 I am learning to describe how fossils are formed Lesson 5 I am learning to recognise that soils are made from rocks and organic matter	I know the different types of rocks and name their physical properties. I know what a fossil is and how they are formed. I know what soil is, what it is made of and how it is formed. I know how sedimentary and igneous rocks are formed.	Learning walk around the school. What can you find that is made out of neck? Che could take pictures of what they found or draw and label what they found. Get che to feel the necks they find and think of algebrates to describe them. Vrite them were the next to the picture/drawing. If che don't use this vocabulary, task them to now use this vocabulary to describe the necks they founds. Indicate the necks they founds that, soil, ships, rough, smooth. Back in class, ask che what they have descovered about recks from their learning walk. Che to understand there are many different types of necks. Explain that in small groups (possibly groups of 5), che will be given samples of necks and a name cand with descriptions on. Explain that it is not to the correct descriptions. Che are one many and picture can be just in their book to the the correct descriptions. Che are one many and picture can be just in their book. Use the correct descriptions for their properties. For example, the number looked like it had veins in and it was hard Lesson 2. NO I have can we chastly necks? Star by recupring previous lesson. What did we dearn? There are so many different types of necks. Task che to group the necks on their table. They can choose any catagories that they wish, but must be able to explain their reasoning. After the discussion from this, sak to group them into 3 catagories settlementary, igneous & anctamosphic. Once the have attempted this, explain that by the end of the lesson they will know how to do this. Give groups the diagrams on the "types of Rocks" document and the mixed up explanations. Task the groups to read the explanations and match them to the correct diagrams and in the correct order. Lesson 3 XQD bad mocks have the same properties? You will need: 8 different rocks (numbered 1-8) A roll (for the scratch test) A text pipettle (for the prorsity test) A text pipettle (for the prorsity test) A container of worter (for the flootation test) Method For each rock, predict and then observe what will happen
				Lesson 5: What is soil? Start by asking chn the KQ, to assess prior knowledge. Then, watch this video: https://www.bbc.co.uk/bitesize/topics/zitv4wx/articles/ztvbk2p.

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through jars. Take a picture to put in books, which chn can label.	oil sample using trowels and can try to spot any parts of the 'ingredients'. The sample can be put in see

Rock, sandstone, limestone, chalk, granite, slate, marble, classification, observation man-made rocks, brick,

tile, concrete, igneous, sedimentary, metamorphic, permeable, impermeable, acid, erosion, marble, chalk, limestone, slate, Granit, sandstone, identification, key

Rock samples, pipettes, trowels, see through jars, resources in the folder