

# Thinking Frame: Rocks



1. Look carefully at the rocks.

2. Describe the rock



## Word Bank

surface smooth rough multicoloured  
soft softer softest layers  
hard harder hardest cold

| Type of rock | 2. Describe the rock | 3. Predict: will this rock scratch easily? | 4. What happens when you scratch with... |        |
|--------------|----------------------|--------------------------------------------|------------------------------------------|--------|
|              |                      |                                            | Wood?                                    | Metal? |
| Slate        |                      |                                            |                                          |        |
| Sandstone    |                      |                                            |                                          |        |
| Marble       |                      |                                            |                                          |        |

4. Scratch the rock and record in the table:

- with a wooden lolly stick,
- with a metal spoon.



3. Make a prediction:  
Will the rocks scratch easily?



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1. Look carefully at the rocks.



## Word Bank

smooth rough  
soft softer  
hard harder  
cold layers  
multicoloured



2. Describe the rock.



| Type of rock | 2. Describe the rock | 3. Predict: will this rock scratch easily? | 4. What happens when you scratch with... |        |
|--------------|----------------------|--------------------------------------------|------------------------------------------|--------|
|              |                      |                                            | Wood?                                    | Metal? |
| Slate        |                      |                                            |                                          |        |
| Sandstone    |                      |                                            |                                          |        |
| Marble       |                      |                                            |                                          |        |



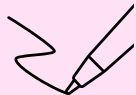
4. Scratch the rock and record in the table:

- with a wooden lolly stick,
- with a metal spoon.

3. Make a prediction:  
Will the rocks scratch easily?  
YES or NO



# Thinking Frame: Rocks

|                                                                                                                                                                                                                          |                      |                                                                                                                                                                                                                           |                                          |        |                                                                                                                                                               |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  <input data-bbox="338 157 415 221" type="checkbox"/>  |                      |  <input data-bbox="676 349 753 414" type="checkbox"/>  |                                          |        | <input data-bbox="1719 157 1796 221" type="checkbox"/>                     |  |
| <p>1. Look carefully at the rocks.</p>                                                                                                                                                                                   |                      | <p>2. Describe the rock using the words in the word bank.</p>                                                                                                                                                             |                                          |        | <p>3. Make a prediction:<br/>Will the rocks scratch easily?</p>                                                                                               |  |
| Type of rock                                                                                                                                                                                                             | 2. Describe the rock | 3. Predict: will it scratch easily?                                                                                                                                                                                       | 4. What happens when you scratch with... |        | 5. Tick if sedimentary                                                                                                                                        |  |
|                                                                                                                                                                                                                          |                      |                                                                                                                                                                                                                           | Wood?                                    | Metal? |                                                                                                                                                               |  |
| Slate                                                                                                                                                                                                                    |                      |                                                                                                                                                                                                                           |                                          |        |                                                                                                                                                               |  |
| Sandstone                                                                                                                                                                                                                |                      |                                                                                                                                                                                                                           |                                          |        |                                                                                                                                                               |  |
| Marble                                                                                                                                                                                                                   |                      |                                                                                                                                                                                                                           |                                          |        |                                                                                                                                                               |  |
|  <input data-bbox="367 1049 444 1113" type="checkbox"/>                                                                               |                      | <p><b>Word Bank</b></p> <p>surface   smooth   rough   multicoloured<br/>         soft   softer   softest   layers<br/>         hard   harder   hardest   cold</p> <p>igneous   metamorphic   sedimentary</p>              |                                          |        |  <input data-bbox="1719 1028 1796 1092" type="checkbox"/>                |  |
| <p>5. Think and tick:<br/>Is the rock sedimentary?</p>                                                                                                                                                                   |                      |                                                                                                                                                                                                                           |                                          |        | <p>4. Scratch the rock and record in the table:</p> <ul style="list-style-type: none"> <li>with a wooden lolly stick,</li> <li>with a metal spoon.</li> </ul> |  |