

Wednesday 20<sup>th</sup> January 2021

OLI: To explore the suitability of rocks

# Which rock would be best for a skate ramp?



This image shows the bowls and ramps at a skate park, which has been made for skateboards, bikes, scooters, wheelchairs and skates.

I would like you to think about the simple physical properties of different types of rocks and consider which rock would be most suitable for a skate ramp. *The aim isn't to find right answers, it's to explore ideas and find out what you know.*

Pay close attention to the image. Can you describe the features of a good skate ramp and begin to suggest which rocks would be suitable or not suitable as a building material?

Use the vocabulary you learned in the last lesson to help you. You can do some research to also help you form your answer.

Think about these key questions:

- What are the features of a good skate ramp?
- Can you name any rocks that have these physical properties?
- What other everyday materials could be used for a skate ramp, instead of rock?
- What material do you think most skate ramps are made from and why?

You can use this table to help you organise your ideas.

[illegible]