

Investigation 2

Instructions

We need to choose a hard wearing, **durable rock** that we can use for ramps at a skate park. The rock needs to be durable as many different **skateboards and scooters** will be riding over it each day.

Choose **5 rock samples**. Test each rock by gently **rubbing each rock** with a piece of sandpaper. The more rock 'dust' that comes away from the rock, the **less durable** it is. You will need to decide how many times to rub each rock. Remember to rub each rock the **same number of times** to keep it fair!

Investigation

Name of rock - _____

Description of rock after
sandpaper: _____

Name of rock - _____

Description of rock after
sandpaper: _____

Name of rock - _____

Description of rock after
sandpaper: _____

Put the rocks in order from most durable to **least durable**.

Conclusion

Which rock do you think would make the **best skateboard ramp**? Explain your answer.

