

Challenge: Pebble Stacks

Pebble stacking is a great way to help you connect with nature. It's a fab activity to do outdoors, and the great news is that as long as you can find some pebbles or stones, you can have a go. By the end of this challenge, you'll be able to create some fantastic pebble stacks which are beautiful to look at, and if you take a photo of your stack, you'll have created some wonderful art too! It's pretty easy to have a go at pebble stacking – you don't need any particular skills or experience either – just lots of patience! So, why not have a gather some friends or family members and see how good your teamwork skills are...

You will need:

- Pebbles or stones
- Camera

Step 1: Ask an adult to help you decide when and where you might be able to have a go at this activity. If you're lucky enough to visit a beach with lots of pebbles, this will be perfect. But don't worry – you just need to find somewhere where you can find some stones or pebbles.

Step 2: Gather your team together (it might be friends, family, etc. but remember the rules around 'bubbles'). Take your time to explain to your team how to create pebble stacks. Will you have one you made earlier to show as a demonstration? You could share out some roles within your team to begin with, and then make sure people swap those roles around so everyone has chance to do all the roles.

Step 3: Collect some pebbles or stones – remember, you need all kinds of shapes and sizes. It's helpful to sort them into sizes first – extra large, large, medium, small and tiny!

Step 4: Start stacking! Make sure the base of your stack is flat and start with the biggest pebble or stone. Lay it so the top surface is as level as you can. Add another pebble or stone to the top which is slightly smaller. Make sure it's balanced and won't wobble off. Continue building your pebble stack higher and higher.



Step 5: If your stack falls over...don't worry! Just start again. You might want to talk with your team about why you think it toppled over. Remember, it's only gravity that is keeping your pebble stack up – there's no glue, wires, string, etc.

Step 6: If your team is really good at pebble stacking, why not try and stack a few altogether? Remember to take some photos if you can. Before you leave your location, do you need to take your pebble stacks down? Would they be dangerous to other people or to wildlife if they toppled over?

Which skills will I be developing?

Main



Additional



Skills Builder
PARTNERSHIP

