

# NATURE'S PAINTS AND BRUSHES

Paints are made of 2 things – **pigment** and **binder**. Pigment is the colour and binder is what makes it stick to a surface. Find twigs and different soft plants to make into brushes. Experiment with berries, soil, vegetables and spices to make different colours. Test water, milk and vegetable oil to see what makes the best binder.



**CREATE** several different colours of paint using natural materials. Turn twigs and soft plants into paintbrushes. Use your natural paints and brushes to make a sampler of marks in the space below. Record how you made each colour and brush beside the marks you create.



**PRESENT** your sampler to a small group. Explain how you made the colours and show each brush pointing to how you constructed it and the kinds of marks it made. Share your process for creating each colour.



**RESPOND** to your classmate's sampler. Compare the marks and colours with the ones you made. Ask clarifying questions and offer suggestions based on things that you did differently.



**CONNECT** discoveries you made as you created your paints and brushes with what it must have been like in ancient times when a human discovered how to make paints for the first time. What does it feel like to discover something new? What kind of mindset leads to discoveries?