

# Working Scientifically in a K-6 context : Storm Water Audit

## Working Scientifically – conducting scientific investigations

### **Question and Predict: Stormwater Audit**

Where does our stormwater go?

Our stormwater goes to ..... Creek?

Our stormwater drains are full of dirt and rubbish from the playground

### **Plan investigations:**

Get a map of the school grounds showing the layout of the buildings, playground and streets.

Form small teams to investigate certain sections of the school playground.

### **Conduct investigations:**

Small teams to conduct a survey of stormwater drains for their selected area of the playground.

Walk around the school grounds noting the location of the drains on the school map and noting any sediment/mud/rubbish/other pollutants entering the stormwater system.

### **Process and analyse data and information:**

Where do the stormwater drains flow to? Mark the direction of flow on the school map.

What creek do our stormwater drains flow to?

Does our school impact on the local creek with litter, leaves, rubbish or other pollutants from our stormwater drains?

Check the health of your local creek using the Waterway Health Report Card 2013-14 – Source BCC

What can we do to improve the water quality of our local creek ?

### **Communicate:**

Report your findings to your Year or to the whole school at an assembly.

Remember – “The drain is just for Rain”!