

Draft 5 Step Sustainability Process video transcript

00:00 - human actions such as destruction of
00:02 - habitats unsustainable and destructive
00:05 - use of resources pollution the
00:09 - introduction of feral species and the
00:11 - consequences of a change in climate are
00:14 - the cause of our diminishing
00:16 - biodiversity at Manam we wanted to find
00:19 - out what actions we could take that
00:22 - might make a difference step one making
00:25 - the case for change we started our
00:28 - investigations by looking at
00:30 - sustainability and why it is so
00:32 - important to conserve our resources for
00:35 - the generations to come we learnt about
00:38 - ecosystems and how organisms rely on
00:41 - each other to achieve their goals
00:42 - increasing the biodiversity of our local
00:45 - area is a ways to keep our ecosystems
00:48 - healthy before we started to plan for
00:51 - change we wanted to find out what the
00:54 - organisms and ecosystems we had at the
00:56 - school that way we could work out how to
00:59 - support them and we could see whether
01:01 - our changes have made a difference we
01:04 - investigated different areas around the
01:07 - school grounds we've collected
01:10 - identified and recorded all the
01:12 - invertebrates we found in the area we
01:16 - recorded any signs of larger organisms
01:19 - we could find such as poor friends
01:21 - scratch marks or droppings
01:24 - we also write down only birds we spotted
01:28 - we took note of all the different
01:31 - habitats that would support organisms
01:33 - such as leaf litter ground cover hollow
01:36 - logs and rocks we identified and
01:40 - described the plant life in the area and
01:43 - found out whether they were native
01:44 - beneficial or weeds when we got back we
01:48 - studied what we had discovered and
01:50 - shared our results we looked at where
01:53 - our ecosystems were healthy and full of
01:56 - life and identified areas that could be
01:59 - improved step 2 defining the scope for
02:02 - action we used a SWAT chart to help us
02:06 - sort out our ideas first we wrote down
02:10 - everything that we found that was
02:12 - helping to care about ecosystems healthy
02:16 - then we looked at areas of weakness in
02:20 - the school and came up with a list of
02:22 - things that was threatening our
02:24 - ecosystems or making them unhealthy the
02:27 - third thing we did was to use what we
02:30 - had learnt about to biodiversity and
02:32 - ecosystems to brainstorm ideas about
02:35 - what we could do to make a difference at
02:37 - our school we wrote down everything we
02:40 - could think of even if we weren't sure
02:43 - how it could be done finally we looked
02:45 - at any threats of obstacles there were
02:48 - to implementing our ideas we looked at
02:52 - the list of opportunities for a change
02:54 - that we had brainstormed and crossed out
02:57 - any that were not possible or
02:59 - unrealistic we then looked at the ideas
03:03 - we had left and rated them as how
03:05 - effective they would be at increasing
03:07 - articles by diversity we worked out what
03:11 - resources we will need to implement
03:13 - their ideas and thought about ways we
03:16 - could obtain them step 3 developing the
03:21 - proposal for action
03:23 - we listed all our ideas next to the
03:26 - resources we needed and where they would
03:28 - come from we made it into a powerpoint
03:31 - presentation so if you'd show the
03:33 - principal we booked a time with the

03:35 - print school and presented a proposal to
03:37 - her we told that everything we wanted to
03:40 - do and why she had a few ideas of her
03:42 - own after we got approval from the
03:46 - principal we had to approach all the
03:48 - other people we needed helpful we spoke
03:51 - to some of the parents at the school and
03:53 - ask them if they would volunteer some
03:55 - time to assist us we wrote to local
03:58 - businesses asking them if they could
04:00 - assist OSIS materials or other donations
04:03 - we applied for funding through an eco
04:05 - saving grant step for implementing the
04:10 - proposal parents at the school assist us
04:13 - by cutting down some of the cap floral
04:15 - trees we will use the timber to set up
04:18 - an outdoor learning area and use the
04:20 - wood chips as much when the area is
04:22 - cleared we will plant native trees and
04:24 - create a Bush tucker garden we used the
04:27 - funding of the Eco sabres grant to buy a
04:29 - native bee hive we contacted a breeder
04:32 - in our local area and arranged for him
04:34 - to come to the school with our new hive
04:36 - he made a presentation to the class
04:38 - about the role of bees and pollination
04:40 - and their importance for maintaining
04:42 - healthy ecosystems he also taught us how
04:44 - to care for our bees we put our hive
04:47 - beside our veggie garden to help the
04:49 - pollination as soon as we released them
04:52 - they pour it out of the hive exploring
04:54 - the garden they seemed happy with their
04:56 - new home step 5 evaluating and
05:01 - reflecting our garden has never been
05:03 - healthier and while the bees enjoy the
05:05 - nectar and pollen the plants provide we
05:08 - get to enjoy all the wonderful fruit and
05:10 - vegetables they help to produce what a
05:12 - perfect partnership
05:17 - you