



The Forgotten Orchard

Evaluation

Climate Challenge Fund

2012-2015

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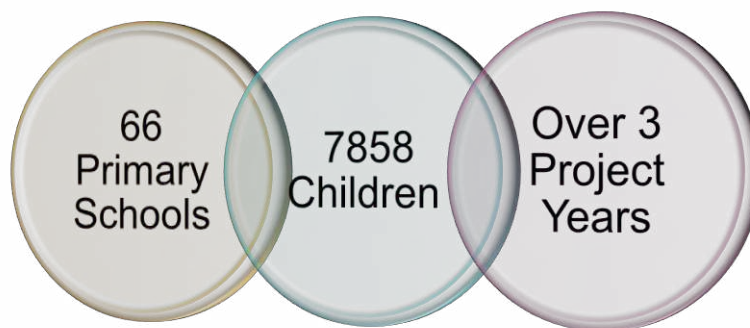
★ ★ ★ ★ *“Informative but entertaining... it succeeds by putting its story and characters first...a superb piece of storytelling.”* The Scotsman



1. THE FORGOTTEN ORCHARD – OVERVIEW

The Forgotten Orchard is a funny and emotional tale that follows the relationship between Katy & her Grandad and his beloved orchard full of Scottish apple trees. It's a story of kinship, local food and legacy and re-welcomes to our plate the charismatic Scottish apples of our heritage; Tam Montgomery, Scotch Dumpling, The Bloody Ploughman (and all its gore) and the local Glaswegian apple Clydeside, bringing with it a local food message that is pertinent to our current times.

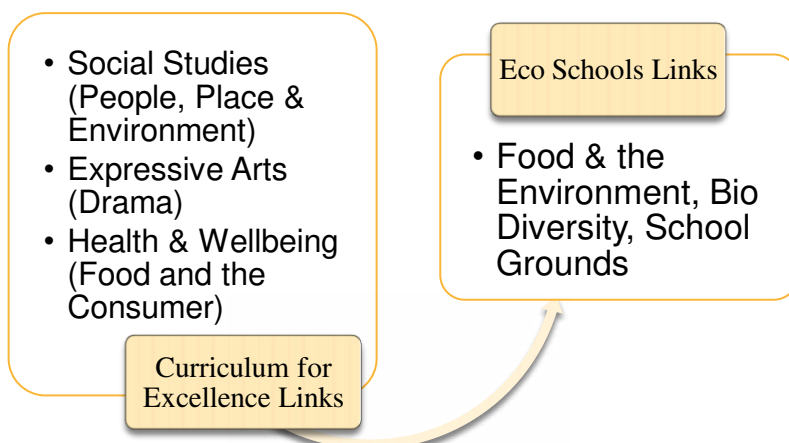
Throughout 2012 - 2014 Eco Drama delivered *The Forgotten Orchard* theatre show to schools, theatre venues and festivals across the central belt of Scotland reaching:



Festivals included Apple Day at Edinburgh Botanic Gardens, Edinburgh Science Festival, Edinburgh Eco Schools Celebration at Napier University, Family Learning Week 2012 Event, East Ayrshire Harvest Festival, Go Fruit and Nuts at Callendar House, Townhead Orchard Planting Day and the 2014 Orchard Gathering in Dunblane. It also visited venues such as Whale Arts Centre, Eastwood Park Theatre, The Catstrand, Harbour Arts Centre, Dean Castle Country Park and Paisley Arts Centre.

1.1 EDUCATION LINKS

Education is at the heart of Eco Drama's work and *The Forgotten Orchard* has strong links with Eco Schools Topics and with the current Scottish Schools education framework the *Curriculum for Excellence*.



1.2 MONITORING AND EVALUATION

Monitoring and Evaluating

Evaluation is fundamental to supporting Eco Drama's education initiatives. It enables us to ensure that we are delivering relevant and useful learning experiences for pupils and teachers in the schools which we visit.

For *The Forgotten Orchard*, evaluation forms were distributed to pupils and teachers to complete after they had seen the show. These forms were designed to allow pupils and teachers to offer their opinions on the experience, and allow Eco Drama to monitor the response to the show to ensure that the best possible learning experience is being provided.

Presentation of Data

Included in the feedback forms are questions which allow us to obtain quantitative data on the responses. Pie charts have been used to present data for these types of questions.

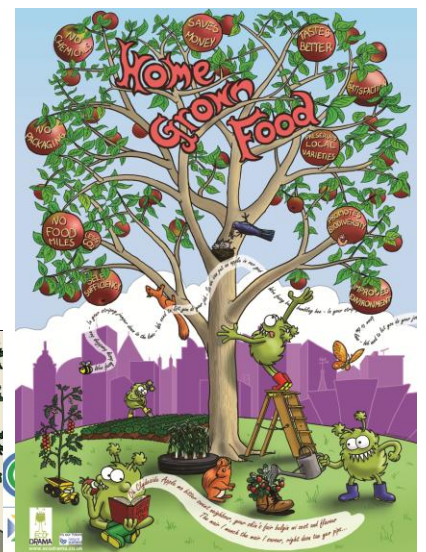
Questions were also designed to provide qualitative feedback from comments which describe levels of enjoyment and what pupils have learned from the show. Comments from pupils and teachers have been included throughout the evaluation document.

In supporting this aspect, we have found a framework for measuring learning outcomes from active engagement in arts projects. This is further explained on page 9.

1.3 ADDITIONAL RESOURCES

After each performance audiences got to taste a heritage apple from the UK and watch an apple corer demonstration, along with a Q&A. Teachers were also provided with a **Classroom Activity Pack** full of useful pre and post show activities for the whole class.

Schools were also given some **Variety Packs of Seeds** for planting in class, an **Orchard Classroom Poster** and a **National Apple Day Starter Pack**. In addition to this all teachers were invited to attend a CPD session on Orchard Planting and received **3 Scottish Heritage Apple Trees** free of charge to plant in their school grounds.



2. PUPIL FEEDBACK

Filled with comedy. THE BEST!"

Pupils, St Angela's

"I felt like I wanted to eat 1000 red apples, green apples and grow apples."
Pupil, St Mirin's Primary

"I enjoyed the show which made me crave apples; I enjoyed all the info packed in the show" Hannah, Hyndland Primary

"It got me thinking differently, that maybe I could grown my own veg"
Pupil, Hyndland Primary

"Well I just loved it. Hope you come back next year" Pupil, St Mirin's

"I thought the show was brilliant and I learned that there are all different kinds of apples in the world. They are yummy and I love them" Pupil, St Bernard's

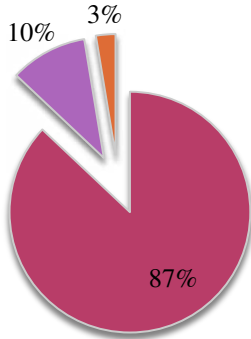
"Thank you for spending your time with us and you really changed our afternoon (in a good way)" Pupil, Golfhill Primary

2.1 PRESENTATION OF DATA

Pupils in classes P3-7 were asked to complete the following:

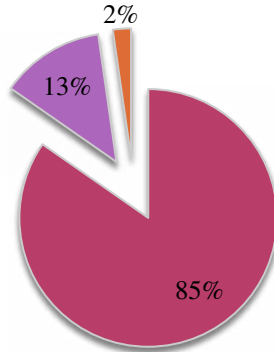
It was lots of fun

■ (:) Yes ■ (:) Maybe ■ (:) No



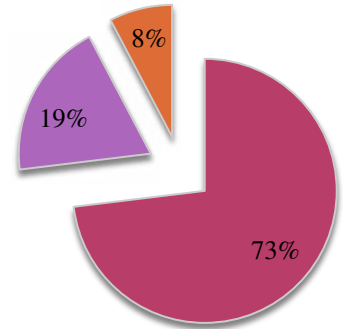
I thought the show was very good

■ (:) Yes ■ (:) Maybe ■ (:) No



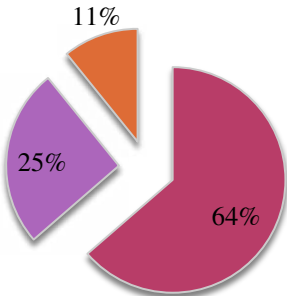
It made me think about where food comes from and how far it travels

■ (:) Yes ■ (:) Maybe ■ (:) No



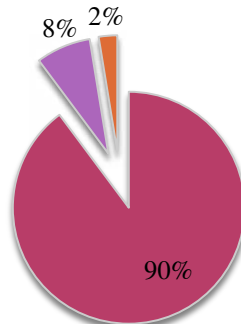
I understand that growing food relies on seasons and pollinators

■ (:) Yes ■ (:) Maybe ■ (:) No



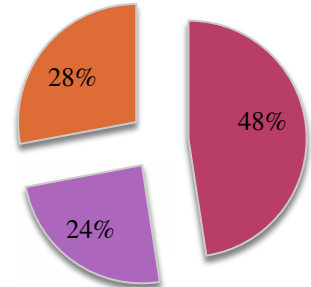
I know that some foods can be grown locally in Scotland

■ (:) Yes ■ (:) Maybe ■ (:) No



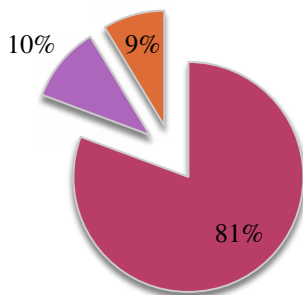
I understand what food miles are

■ (:) Yes ■ (:) Maybe ■ (:) No



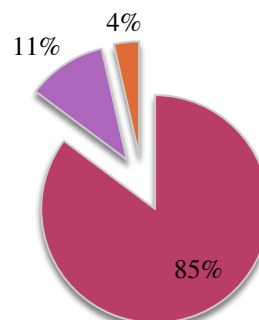
I am interested in growing my own food

■ (:) Yes ■ (:) Maybe ■ (:) No

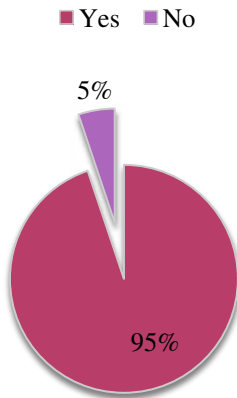


I understand that doing this helps care for our environment

■ (:) Yes ■ (:) Maybe ■ (:) No



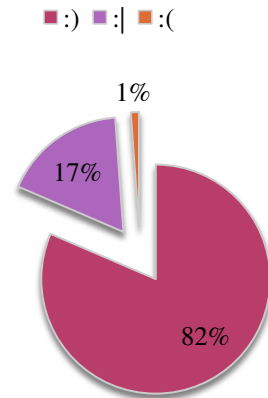
Did you like the show?



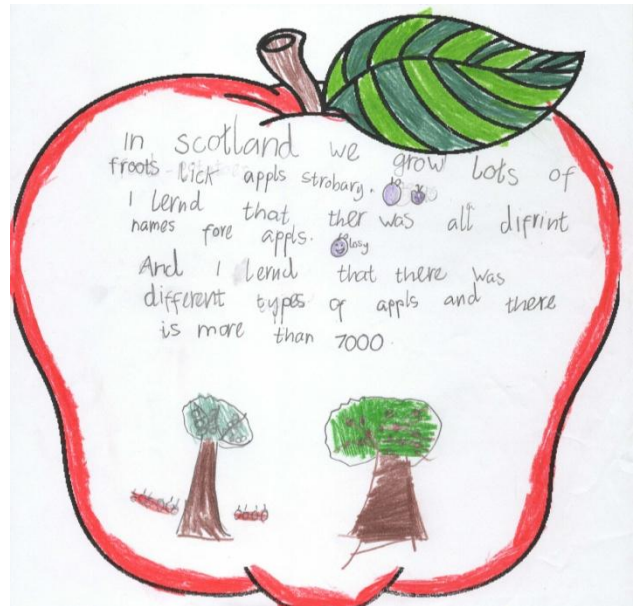
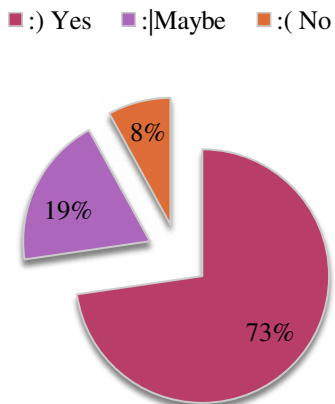
Pupils were then asked to circle the face which best described their experience of the show:



Experience of the show



I learned new things



“...a delicious morsel of story-telling to whet the appetite for learning about where your food comes from, and a treat for anyone working on the eco schools ‘food & the environment’ topic” Eve Keepax, Eco Schools Scotland



GENERAL LEARNING OUTCOMES

The 'Inspiring Learning' initiative from the Museums, Libraries and Archives Council suggests a framework for classifying qualitative data into learning outcomes. We have attempted to apply this to both pupil and teacher qualitative feedback for *The Forgotten Orchard* to identify the key **learning aspects** which have occurred as a result of Eco Drama's work.

INSPIRING LEARNING FRAMEWORK (2008 – Museums, Libraries and Archives Council)

The framework identifies **five general learning outcomes (GLOs)** and recommends that these be used as a way of measuring outcomes and demonstrating the impact that a project has had on the participants.

Figure 1 -
General
Learning
Outcomes

(Museums,
Libraries and
Archives Council,
2008, retrieved
from
<http://www.inspiringlearningforall.gov.uk/learning/>)



From the qualitative feedback gathered we can see clear progression through each of the learning outcomes and are able to see the interconnectivity of each outcome mirrored in the Eco Drama experience:

Knowledge and Understanding

“I learned if you buy lots of apples from the shop there’s lots of air miles” (P6 Pupil, Broomhill Primary)

“I learned that buying apples from the supermarket is a waste off the tasty apples that are here.” Pupil, Our Lady of Rosary Primary

“Home grown apples tastes much nicer than the supermarket ones”
Pupil, Hillington

“When the animals eat apple seeds/pips they are distributed and a tree grows.” Pupil St Bartholomew’s

“I also learned that we need bees to keep growing” Pupil, John Paul II Primary

“The apple doesn’t need to be pretty – it still tastes amazing.”
Pupil, Miller Primary

Skills

“The tasting of apples was very enjoyable.” Pupil Corpus Christie

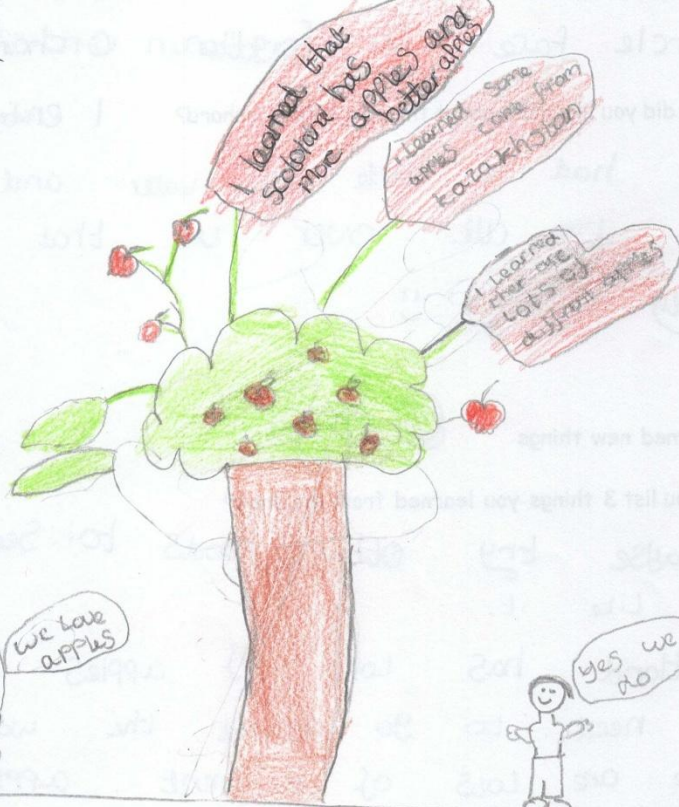
“Loved tasting the Discovery Apple and liked the peeler and corer- the apple tasted like strawberries.” Pupil, Hillington Primary

“I learned how to plant food and different types of apples.” Pupil, St Angela’s Primary

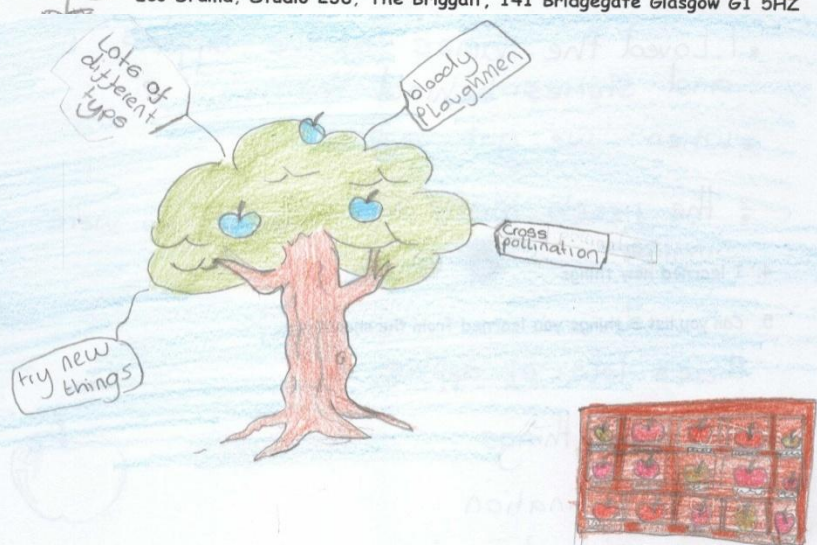
“You can grow things in unusual things like boots.”
Pupil, Miller Primary

“The show was very good. I liked it so much I told my family everything!” Pupil, Hillington Primary

Pupils also showed clear progression in **communication** and **creativity skills** in their creative feedback to Eco Drama:

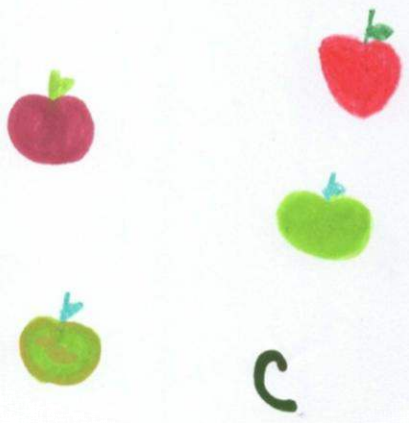


Please return to Eco Drama. Thank you ©
Eco Drama, Studio 236, The Briggait, 141 Bridgegate Glasgow G1 5HZ

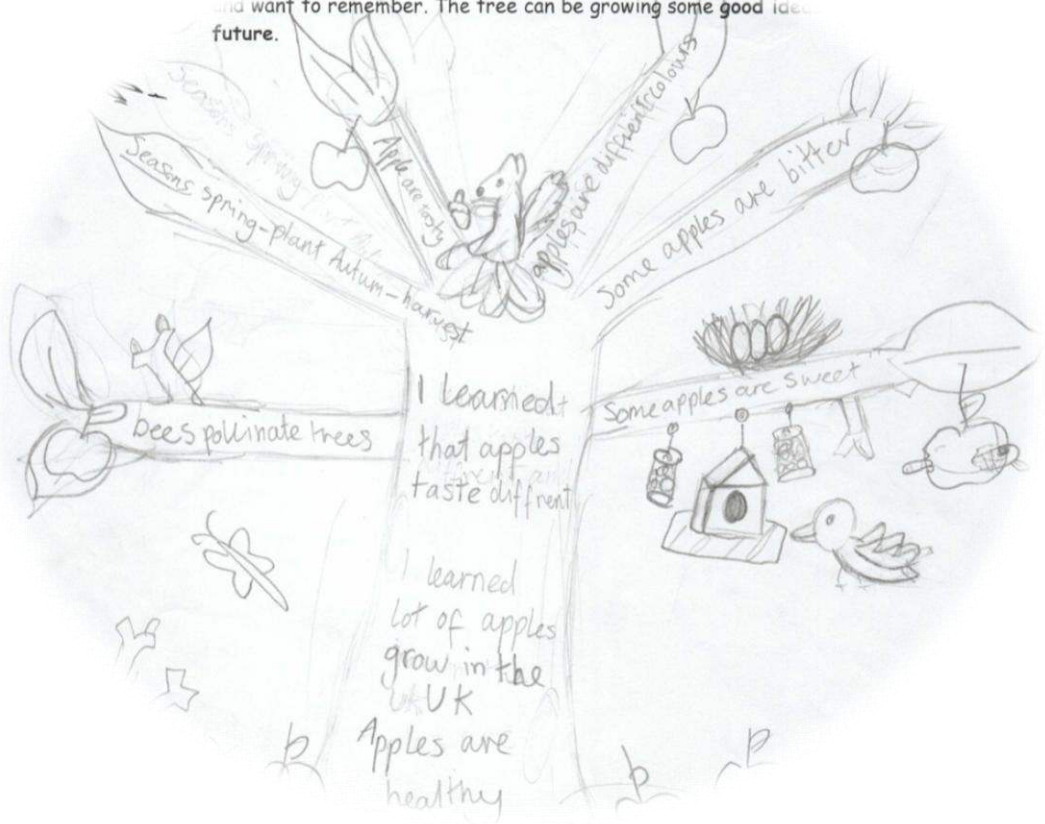


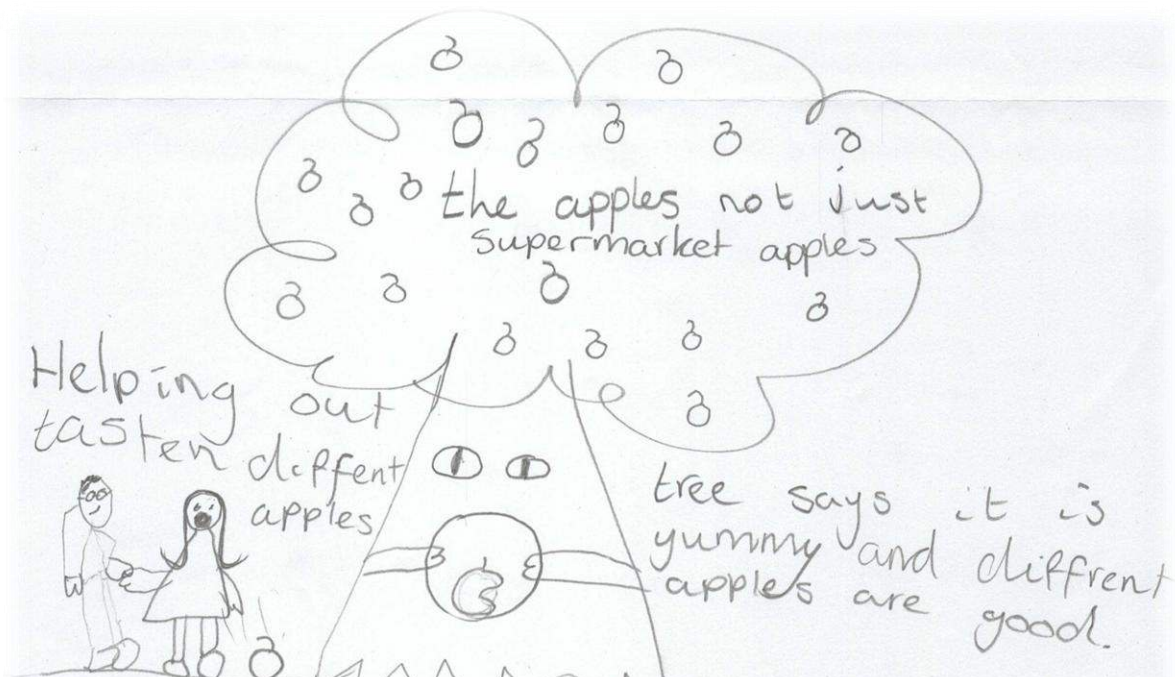


I learned from the show that everything needs love and care to grow and that it is not how apples look its about how they taste.

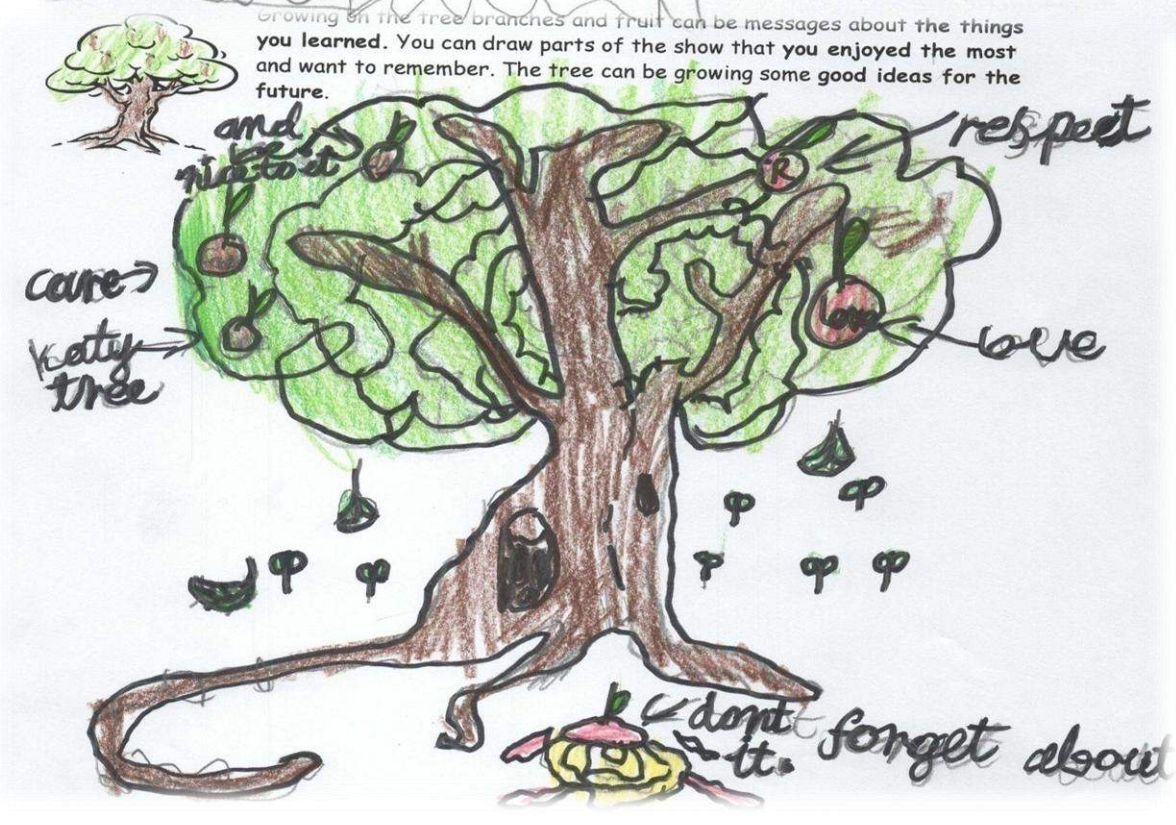


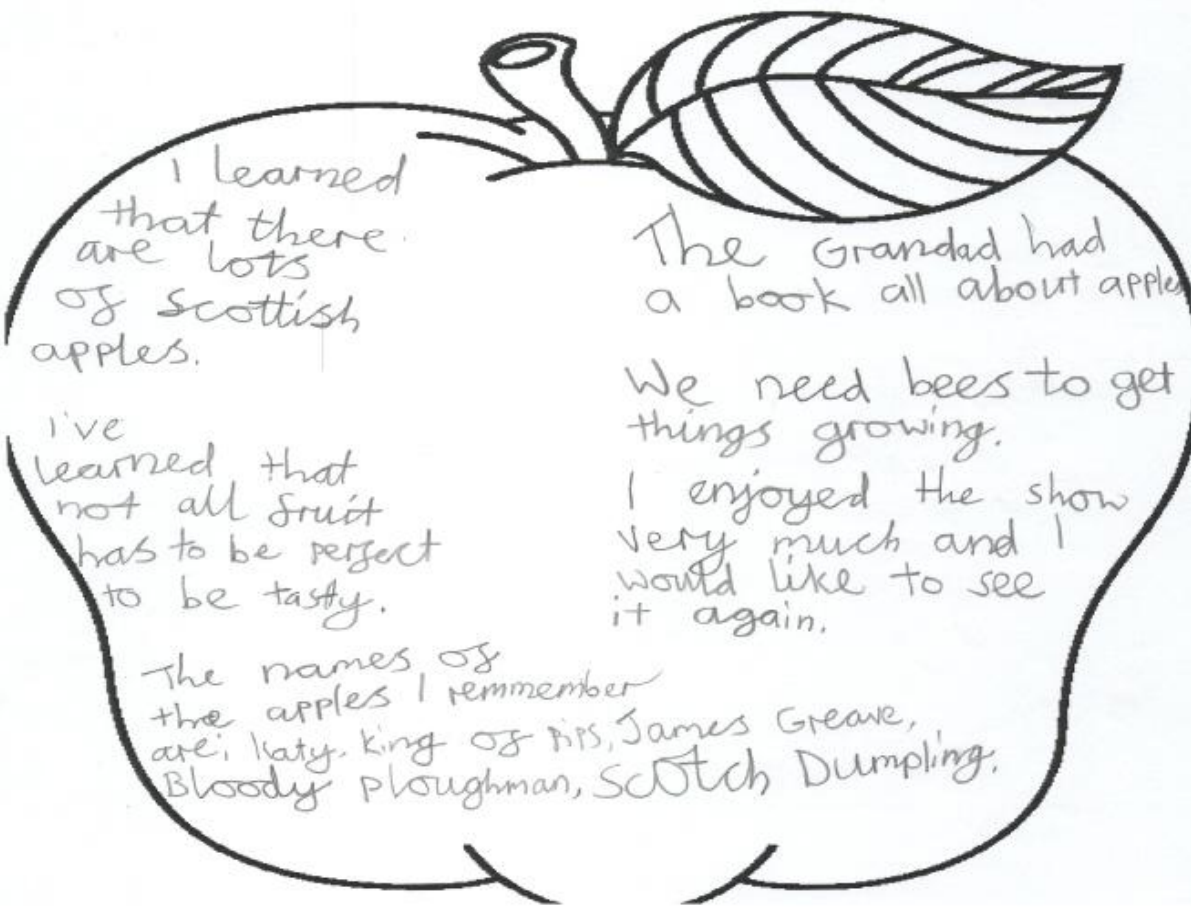
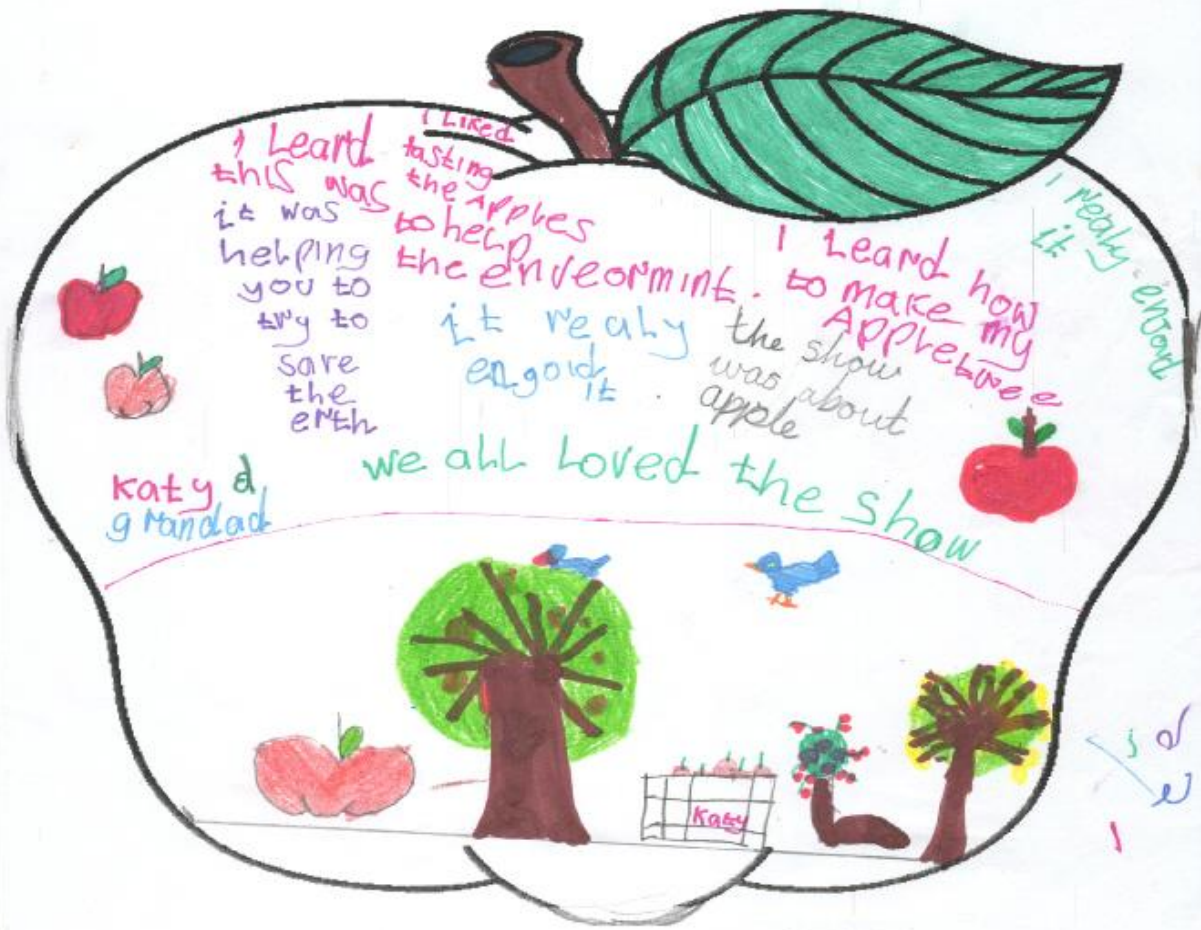
... tree branches and fruit can be ...
 ... learned. You can draw parts of the show that you enj...
 ... and want to remember. The tree can be growing some good ide...
 future.





growing on the tree branches and fruit can be messages about the things you learned. You can draw parts of the show that you enjoyed the most and want to remember. The tree can be growing some good ideas for the future.





Attitudes and Values

"The message is to try to grow your own crops to reduce your carbon footprint"
Pupil, Hillington Primary

"It made me realise just how much fuel we use." Pupil, Hyndland

"It was nice to study apples in more detail, as we take it for granted." Pupil Castleton

"Don't judge an apple by its looks." Pupil, Merrylee

"It made me think about where I get my apples from and if I've ever tasted a Scottish apple" Zoe, 11

"It made me think why? Why do they use all the petrol to bring apples to Scotland when we can plant our own?"
Pupil, Hyndland

Enjoyment, Inspiration and Creativity

"You done a great show I loved it so so much. You could maybe come and do another show about apples." Pupil, Whitecrook Primary

"I enjoyed it when you were throwing the petals and I liked it when you soaked us!" Pupil John Paul II

"I think it is a great show. I want to see it again and again and again. I loved the fan with apple scent on it and when she made an apple come from my head and when they sprayed us with water"
Lauren, Hyndland Primary

"We really enjoyed the show and would love to see another show. Loved the magic tricks!" Pupil, Hillington Primary

"The magic was awesome! Please come back!" Pupil, Chirnsyde

"The acting was the best I've seen!"
Pupil, Hyndland

"We loved the show, we learned so much and it was a fun way to learn. Please come back to us!"
Pupil, Greenview Primary

“Thank you for spending your time with us and you really changed our afternoon (in a good way).” Pupil, Golfhill

“I loved the names of the apples and the stories behind them.” Pupil, St Vincent’s

**“I enjoyed it when they had a bottle of water and they put it all over us. That was really funny.”
😊” Pupil St Vincent’s**

“I liked it when the bees buzzed around us.” Pupil, Howford Primary

Activity, Behavior and Progression

“We now have a much greater desire to eat apples.” Pupils, Barmulloch Primary

**“It got me thinking differently, that maybe I could grow my own veg.”
Pupil, Hyndland Primary**

**“Encourage people to buy apples from our local area.”
Pupil, Merrylee Primary**

“They have been inspired to try and grow their own apples.” Teacher, Holycross Primary

“I didn’t really eat apples that much but I eat them a lot now. I might also grow some of my own.” Pupil, Hyndland Primary

**“It made me think differently because we mostly eat apples from other countries when there is loads of apples from Scotland. I really enjoyed the show and I love apples”
Pupil, Golfhill Primary**

"It's a lovely show and I learnt a lot. I am considering working a patch of our garden with my toddler and now am truly inspired. Great to see a performance with a proper balance of learning and entertaining." Alison Reeves, Creative Director of Whale Arts

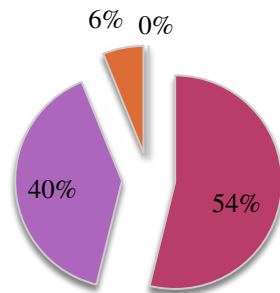


3. TEACHER FEEDBACK

Class teachers were asked the following questions in order for us to assess the relevancy of the show for their pupils:

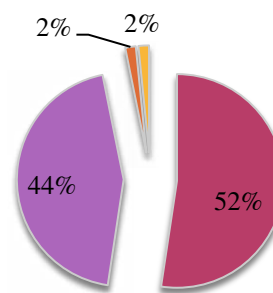
What did you think about the show in relation to your pupil's class level (e.g. primary/age)?

■ Excellent ■ Good ■ Ok ■ Not relevant



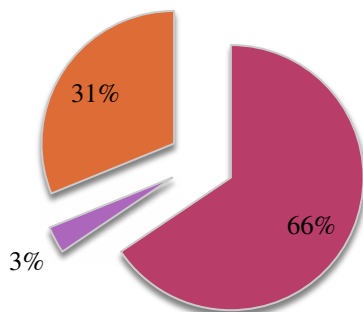
How well did the themes in this show link with the curriculum and your eco schools programme?

■ Excellent ■ Good ■ Ok ■ Not relevant



Was the Classroom Activity Pack useful?

■ Useful ■ Not Useful ■ Not used yet



What did you think of the show?

“Adults & pupils all thoroughly enjoyed this show, it was a perfect mix of acting, singing, humour and delivering the key messages in a fun way. My class are still talking about this.”

N Morrison, Kelvindale PS

“The show was beautifully presented. The set was lovely and the play was very interesting... It was terrific. Covered so many points in an interesting way.” Teacher, St George Primary

“I thought it was fantastic. Very well Acted and performed, great story/message. It got the points across in an effective way and the children were all engaged.” M King, John Paul II Primary

“Many thanks for a captivating, entertaining educational show.” Mr MgGougan, St Angela’s Primary



“It was fabulous. Children had the most wonderful experience.” Teacher, St Angela’ Primary

“Excellent pace and use of all sorts of props and dramatic devices to hold and maintain children’s attention. Also well written to suit their understanding. Loved use of instruments – children were spellbound by these!” Teacher, Golfhill Primary

How well do you think the themes in this show link with the Curriculum and your Eco Schools programme?

“Children are doing a lot of outdoor learning and are looking at seed dispersal etc.”
Teacher, Blackfriars Primary

“We are working towards our Green Flag and part of this work encourages pupils to see the benefit of growing and using their own produce.” R.McCann, Corpus Chrisit Primary

“The children could make clear links between the show and what our school already does to help the environment. They were particularly enthusiastic because we have our own apple tree in the school grounds already.” Mrs Reid, Mount Vernon Primary

“This drama has ‘planted the seed’ of thought in their head so a starting point has already been dealt with.” Teacher, Hillington Primary

“Very relevant for school work and relevant to a healthy environment / carbon footprint / food miles etc...” Teacher, Hillington PS

“Fits in well as we have a member of staff who does grow vegetables in school and many children get to participate in planting and looking after the plants.”
E.McGlinchey, St Maria Goretti Primary

“It complements very well our study of Scotland and learning about environmental issues linked to the benefits of homegrown apples” Teacher, Broomhill Primary



What did you think of the suitability of this show in relation to your pupil's age and class level? Why is this?

"Just wanted to let you know how much our school, Golfhill Primary, enjoyed The Forgotten Orchard today. It was absolutely excellent - not one dull moment for the children! The actors were brilliant, really enthusiastic and very professional with the classes." Teacher, Goflhill Primary



'Pupils were introduced and motivated by the imaginative set and enthralling characters'
T.Hynes, Corpus Christi

"The music, drama and humour captured their interest." Teacher, St George's Primary

"It was accessible for young children, but also relevant for upper school pupils." T.Rolland, Greenview Primary

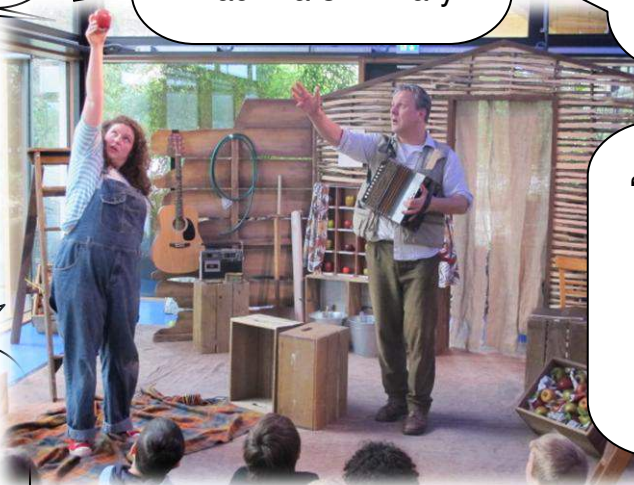
Was the classroom activity pack useful? Why is this?

"Loved the poem and the ideas for discussion."
Teacher, St Angela's

"The children loved the bloody Ploughman Activity as we have been studying Scots"
Teacher, Teacher Blackfriars Primary

"It puts play in a context – follows up learning which is important. Not just a one off input with no further curriculum links." Teacher, Antonine Primary

"It included a variety of ideas across the curriculum."
Teacher, Merrylee Primary



"I have used some of the follow up lessons from the pack in class to reinforce the children's learning." Teacher St Vincent's Primary

"The children had a chance to gain knowledge and share this during the show."
Teacher, St Mary's Primary

Any more comments?

“Come back and do more of this – Loved it!” L Jesner, Howford Primary

“It was beautifully presented and the children got so much from your wonderful performance” F Dickson, St Angela’s Primary

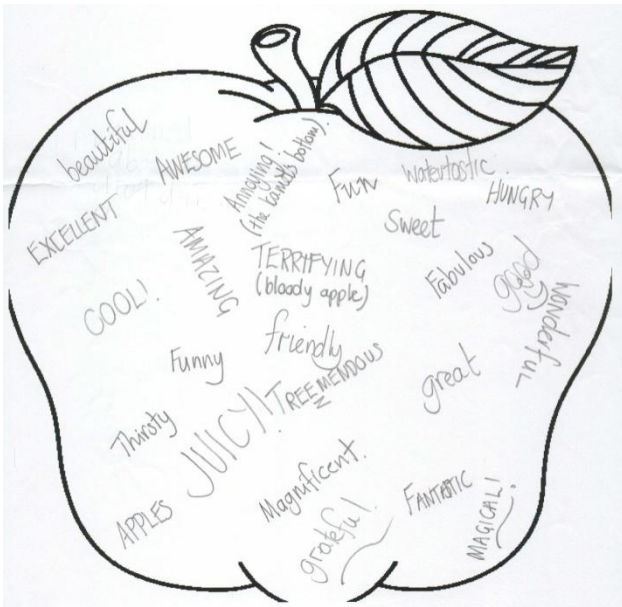
“This really was a delightful show.” K Falcona, Howford Primary

“It was a fantastic drama, great props, great dramatics, use of music and it was very engaging” Teacher, Golfhill Primary



“Excellent show as always from Eco Drama - fun, enthusing and so helpful. Many, many thanks!” T. Hynes, Corpus Christi





4. ORCHARD TRAINING SESSION

During the 3 year project 2012-2015, teachers and volunteers from 35 primary schools in Glasgow participated in **Orchard Training Sessions** led by *The Appletreeman* Andrew Lear, an experienced horticulturist, orchard enthusiast and trainer.

Andrew equipped participants with the knowledge and basic skills necessary to plant and maintain a school orchard.

By the project end, **3 Orchard Training sessions** were held, with **117 Scottish Heritage Apple Trees** given out free of charge to **35 participating schools** to start their very own school orchard.



4. SUMMARY


The feedback indicates that *The Forgotten Orchard* has an effect on all key learning areas: - **Enjoyment, Inspiration, Creativity; Knowledge and Understanding; Attitudes and Values; Skills; and Activity, Behaviour and Progression.** In addition it connected well with the **Curriculum for Excellence** and **Eco School Links.**

Children were encouraged to develop new creative skills to engage with the production and also to feedback to Eco Drama on their learning experience. **Through this we can see that Eco Drama's theatre production has impacted on the thoughts and attitudes of children.** There is evidence of thoughts and opinions being considered about many of the topics raised in the show (primarily about the food we eat: questioning where our food comes from, how far it has travelled, what it tastes like and about growing our own). **The feedback demonstrates how this is positively impacting on children's relationship with our natural world.**



Of responding pupils...

Over 95% liked the show

82 % used  to describe their experience of the show

Over 73% learned new things

Of responding pupils...

Over 87% found it lots of fun

Over 85% found the show very good

Over 73% feel it made them think about where food comes from and how far it travels

Over 64% understand that growing food relies on seasons and pollinators

Over 90% know that some foods can be grown locally in Scotland

Over 48% understand what food miles are

Over 81% are interested in growing their own food

Over 85% understand that doing this helps care for the environment

Of the total responding teachers...

94% found the production suitable to the classes' level with **54% EXCELLENT** and **40% GOOD!**

96% found the theme worked well with the curriculum and their own Eco School program. **52% found it EXCELLENT** whilst **44% found it GOOD.**

Finding the Classroom Activity Pack useful - **66% YES** and 31% not used yet

The production and supporting resources were seen as a springboard from which teachers continued further learning in class. This aspect is visible in Teacher Feedback, in which the production and classroom activity pack are shown to provide the basis for further learning and development and where the value of *The Forgotten Orchard* production is evident.

The Orchard Training Session rounded off each tour, linking inspiration and creative engagement with practical action, enabling participating schools to engage pupils further with the topic of growing food in their school grounds. By providing 3 Scottish Heritage Apple Trees and the Teacher Orchard Training, growing became a more tangible reality to teachers and pupils, embedding practical skills, knowledge and inspiration to grow their own food in time.

Feedback from the venues and festivals displayed high praise for the production's strong artistic quality, and ability to explore and communicate themes of kinship, local food and Scotland's orchard heritage through storytelling & music, conveying a local food message relevant to our times.

A delicious morsel of story-telling...

It was absolutely excellent - not one dull moment for the children!

A captivating, entertaining educational show...

A superb piece of storytelling...

