Final Event: Taking our bean plants home! Can we continue to care for them?



Teacher: JTurney

Wow Starter: Planting Beans - Who can grow the greatest beanstalk?

Plants: Jack

and the

Beanstalk

OUTDOOR LEARNING

Pegasus Award

Children are completing

portfolios to help them achieve their Pegasus

Award. They will be

rewarded for effort and attainment in: -Helping Others -Healthy Living -Skills for Life -Exploring the Environment

COMMUNICATION AND LANGUAGE

LKS2

• fl1 I can understand what is being said to me and respond correctly

· fl2 I can sing songs and say poems in another language and know what the words mean • fl2.1 I can spell and pronounce the words

correctly in the songs and poems I know • fl3 I can have a conversation including asking and answering questions

for help • fl4 I can speak in grammatically correct sentences

· fl3.2 I can ask for clarification of information or

• fl5 I can pronounce words correctly so that I am

• fl6 I can communicate and be understood in different situations

• fl7 I can read simple passages with understanding • fl8 know which stories, poems and songs I like and

• fl9 I use a dictionary to help me to understand and learn new words · fl12 I know that some words are governed by

· fl12.2 I know the correct order of words in a sentence and that the order may differ from

EXPRESSIVE ARTS AND DESIGN

LKS2

ad10 I can show in my sketch book how I have developed techniques and ideas

· ad11 I can describe the range of materials I have used since being in KS1 ad12 I can show examples of drawing using pencil and charcoal.

· ad13 I can show examples of painting with different kinds of paint

ad14 I can show examples of my work in clay

Design LKS2

· dt25 I can talk about my product and explain my design ideas and where they came from

· dt26 I can tell you for whom I have designed my product and why I think my product would be useful

· dt27 I can communicate my ideas through annotated sketches

· dt28 I can communicate my ideas through cross-sectional and exploding diagrams · dt29 I can make a model of my design

Make LKS2

· dt32 I can select and use appropriate tools and techniques for my product · dt33 I can measure, mark, cut and shape a range

of materials accurately dt34 I can join, assemble and combine components

with precision dt35 I can use appropriate finishing techniques to strengthen and improve the appearance of my

dt36 I can describe the properties of a variety of materials including construction materials, textiles and ingredients and explain my choices in relation to these properties

• dt37 I can discuss the aesthetic qualities of my product in relation to the properties of the materials etc I am intending to use

Evaluate LKS2

• dt41 I know about some significant developments in technology that have helped to shape the world

Technical knowledge LKS2

· dt43 I can strengthen, stiffen and reinforce more complex structures

Cooking and nutrition LKS2

· dt49 I can describe a healthy diet and explain its

· mull I can sing in a group, or on my own, with expression, awareness of others and in tune · mu12 I can play instruments with accuracy and

· mu13 I can play instruments with fluency and expression to reflect the intentions of the music · mu14 I can compose pieces of music for a specific purpose, choosing and combining sounds to achieve the effect I desire

· mu15 I can compose pieces of music using the dimensions and elements of music expressively · mu16 I can listen carefully and perform accurately from memory

· mu17 I can perform from simple, standard

• mu19 I can describe, compare and evaluate different kinds of music

· mu20 I can identify music from different

MATHEMATICS AND COMPUTING

Statistics LKS2

· m114 interpret and present data using bar charts, pictograms and tables

Listen to the story and respond when the target vocabulary is mentioned. Jack and the Beanstalk Story PowerPoint (French)

Jack and the Beanstalk Word Cards (French)
Revise weather - link to optimum weather for growing plants!

Nature Walk - Collect, observe and draw different leaves. Observational drawings of leaves on the plants we are growing in class.
Working with clay - create a leaf! Can we tell what plant/tree it is

Sing Out Concert at Grove Theatre - performing (singing/playing an instrument) in front of a large audience.

Design & Technology - Growing Herbs....design your own herb garden!

Be Part of the Bee Watch: Honey bees do a lot more than buzz around and make honey; they are truly fascinating creatures.
This homework activity encourages children to get closer to nature.
They will learn about different types of bees and where they can be

From Flower to Fruit: Children read through information about the stages in the life cycle of a tomato plant and then draw illustrations to match each stage.

The Greatest Beanstalk of them All!

Sing Out Concert

Grove Theatre

- 7/6/19

How Big Is It? Compare measurements of leaf length/width, beanstalk height, pod length/weight. Calculate differences from one day/week to the next

Data handling. Record the growth of your beans regularly

Whole school trip

to Windsor Castle

Compare plants and animals in our gardens with those in the

Science -Bean There; Grown That!

Investigate the conditions a bean seed needs to grow well.

Experiments: * What Plants Need to Grow

*Plant Growth Prediction

Athletics -

The children will be given opportunities to use a variety of throwing techniques, including the underarm and overarm throw to throw for

encouraged to try and achieve their personal best and will be working independently, in pairs, as well as collaboratively within a group.

Children will learn how to perform a variety of floor and vault

the squat on vault while developing their understanding of the necessary flexibility, strength and control needed to

choreograph their own sequences and routines, performing

Nature Walk -

Science/Art

Observing

plants/leaves

Festivals and events

children will have the opportunity to develop their existing running, jumping and throwing skills. They will be learning about an effective sprint

distance and accuracy. Throughout this half term, they will be

movements, pike jumps, straight jump half-turns, cat leaps, forward rolls from standing, tucked backward rolls, chassis steps

movements successfully

In the final lessons, children will have the opportunity to and with a partner.

UNDERSTANDING THE WORLD

Working scientifically LKS2

· sc31 During years 3 and 4, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

· sc32 asking relevant questions and using different types of scientific enquiries to answer them • sc33 setting up simple practical enquiries, comparative and fair tests

• sc34 making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers · sc35 gathering, recording, classifying and presenting data in a variety of ways to help in answering questions

· sc36 recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables

· sc37 reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions • sc38 using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions

· sc39 identifying differences, similarities or changes related to simple scientific ideas and

• sc40 using straightforward scientific evidence to answer questions or to support their findings.

Plants LKS2

• sc41 identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers • sc42 explore the requirements of plants for life

and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to

• sc43 investigate the way in which water is transported within plants

· sc44 explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

Human and physical geography LKS2

· ge39 I understand physical geography in relation to climate zones, biomes and vegetation belts

PHYSICAL EDUCATION

• pe4 I can tell you how I have developed my athletic skills, and which is strongest and which athletics events I prefer

• pe5 I can play competitive net, striking, fielding and invasion games

· pe6 I can identify the techniques I need to practice to improve my strength and performance in athletic activities

• pe6.1 I can perform fluent gymnastics sequences to demonstrate my control and balance • pe9.1 I can show you how I have improved in different activities over time

• pe9.2 I can tell you my personal best in a particular activity and my aspirations for the future



Plants: Jack and the Beanstalk - Stage Coverage MATHEMATICS AND COMPUTING **UNDERSTANDING THE WORLD** Statistics LKS2 LKS2 • m114 interpret and present data using bar charts, pictograms and tables

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- sc38 using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions • sc39 identifying differences, similarities or changes
- sc40 using straightforward scientific evidence to answer questions or to support their findings.

related to simple scientific ideas and processes

Plants LKS2

- sc41 identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- sc42 explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant sc43 investigate the way in which water is transported within plants
- sc44 explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

Human and physical geography LKS2

• ge39 physical geography, including: climate zones, biomes and vegetation belts

- pe4 use running, jumping, throwing and catching in
 - **pe5** play competitive games, modified where
 - appropriate • **pe6** develop flexibility, strength, technique, control

PHYSICAL EDUCATION

- and balance, for example through athletics • **pe6.1** develop flexibility, strength, technique, control clay) and balance, for example gymnastics
- **pe9.1** demonstrate improvement
- pe9.2 demonstrate their personal best.

EXPRESSIVE ARTS AND DESIGN

LKS2

- ad10 to create sketch books to record their observations and use them to review and revisit ideas
- ad11 to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, paint
- ad12 to improve their mastery of art and design techniques, including drawing with pencil and charcoal
- ad13 to improve their mastery of art and design techniques, including painting with a range of materials
- ad14 to improve their mastery of art and design techniques, including sculpture with a range of materials including clay.

Design LKS2

- dt25 use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose
- dt26 use research and develop design criteria to design products that are fit for purpose, aimed at particular individuals or groups
- dt27 generate, develop, model and communicate their ideas through discussion and annotated sketches
- dt28 generate, develop, model and communicate their ideas through cross-sectional and exploded diagrams
- dt29 generate, develop, model and communicate their ideas through prototypes

Make LKS2

- dt32 select from and use a wider range of tools and equipment to perform practical tasks
- dt33 use a wider range of tools and equipment to perform practical tasks accurately
- dt34 use a wider range of tools and equipment to perform practical tasks, such as joining accurately
- dt35 select from and use a wider range of tools and equipment to perform practical tasks, such as finishing, accurately
- dt36 select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional
- dt37 select from and use a wider range of materials and components, including construction materials, extiles and ingredients, according to their aesthetic

Evaluate LKS2

 dt41 understand how key events in design and technology have helped shape the world

Technical knowledge LKS2

 dt43 apply their understanding of how to strengthen, stiffen and reinforce more complex structures

Cooking and nutrition LKS2

 dt49 understand and apply the principles of a healthy and varied diet

- mu11 perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression
- mu12 play musical instruments with increasing accuracy
- mu13 play and perform in solo and ensemble contexts, using their voices and playing musical instruments with fluency and expression
- mu14 improvise and compose music for a range of purposes
- mu15 improvise and compose music using the inter-related dimensions of music
- mu16 listen with attention to detail and recall sounds with increasing aural memory
- mu17 understand staff and other musical notations • mu19 appreciate a wide range of high-quality live and recorded music
- mu20 understand music drawn from different traditions

COMMUNICATION AND LANGUAGE

- fl1 listen attentively to spoken language and show understanding by joining in and responding
- fl2 explore the patterns and sounds of language through songs and rhymes
- fl2.1 link the spelling, sound and meaning of words
- fl3 engage in conversations; ask and answer
- fl3.2 engage in conversations and seek clarification
- fl4 peak in sentences, using familiar vocabulary, phrases and basic language structures
- fl5 develop accurate pronunciation and intonation so that others understand when they are reading
- aloud or using familiar words and phrases fl6 present ideas and information orally to a range of audiences
- fl7 read carefully and show understanding of words, phrases and simple writing
- fl8 appreciate stories, songs, poems and rhymes in the language
- fl9 broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using
- a dictionary • fl12 understand basic grammar appropriate to the language being studied, including (where relevant):
- feminine, masculine and neuter forms • fl12.2 understand basic grammar key features and patterns of the language and how to apply these, for instance, to build sentences; and how these differ

from or are similar to English.

