



## Through Time & Magic An Irish Adventure Book Activities Guide- Flora

Math	Science	Geography	Writing	History	Research	Art	Music	Presenting	Vocabulary	Active	Analysis	Game
									ABC			

### Individual Activities - Flora



#### Irish Flower Garden



Plant/draw/collage an Irish flower garden. Determine flower garden map/layout – based on East/West axis, how much sunlight is needed, position (math), tall; space around, number of plants, etc. What is needed to grow well?

*Graph paper supplemental*

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#### Plant Sculpture



Make a clay tree, flower, or other plant found in Ireland, use the plants from the book or other plants found in Ireland. Add or alter medium if desired: paper, actual plant parts, wood, etc.

Option: Create a “yard” of Irish plants in a section of the classroom/home. Add placards at the base of each plant with a name/short description.



#### Flora Crossword Puzzle

Determine the name from the clues and enter in the puzzle

ABC

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*Individual Activities – Flora, cont.*

Leaf Imprints



Determine if any Ireland trees also live locally. Then forage for those leaves. Imprint each leaf on its own clay and engrave the name in the clay.

Option: fire and glaze the clay for a piece of art or paper weight.

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Leaf Identification Map



Collect leaves locally, ideally those that are also in Ireland. Press the leaves in between pages of a book or a plant press, if available. Once dried, create a leaf identification map based on the leaves. Look for similarities to divide into groups (e.g. all smooth edges vs. rough), then continue to dividing into groups until a person can use to identify a specific leaf.

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Medicinal Irish Herbs



Research five medicinal herbs that grow in Ireland that also grow locally. Write a report to include pictures and the following topics:

- What is the tradition of herbal medicine in Ireland?
- List each herb and include
  - o What it is used for
  - o Which part of the plant
  - o How it is used
  - o What cautions there are for its use
  - o Labeled picture or drawing

Options:

- Instead of picture from the internet, go to a local nursery and take pictures of real plants
- Purchase a plant that is safe for everyday use and try it, include how it worked in the report.
- Give a presentation using the actual plants.



Plant Collage



Create a collage of flowers and/or plants that grow in Ireland, can be hand drawn/painted, or images pulled from the internet. Label each plant.

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*Individual Activities – Flora, cont.*

Culinary Herbs



Research what culinary herbs are found in Ireland. Find an Irish recipe that includes that/those herbs and make the dish.

(Top Irish Herbs: Caraway Seeds, Thyme, Parsley, Rosemary, Sage)

Local Trees & Irish Trees



What trees grow in Ireland that also grow where you are? Go around the neighborhood/parks/schools/yard collecting leaves, flowers, seeds from trees; Create a presentation with info, or identification map.

This link can help with local identification: <https://plants.sc.egov.usda.gov/java/>



Plant Part Diagram



Choose an Irish plant to diagram; draw and label each part of the plant: root, stem, leaves, flower, fruit, seeds. Then summarize the role of each part.

Option: After diagraming the plant, go find a plant outside and identify its parts. Are any missing? Why? In what stage of growth is the plant?



*Supplemental: Worksheet for identifying and teacher key*

Plant Classification



Using the list from the book, or finding other Irish plants online, create a classification chart.

This link can help in creating the chart: <https://www.britannica.com/plant/plant>

Sketchbook



Create a sketchbook of Irish plants, include name, classification type, and line of information about the plant.

Option: print and cutout pictures instead of sketching/drawing



*Individual Activities – Flora, cont.*

Draw an Irish Plant



Choose an Irish plant, either one from the book or another found via research. Draw/paint the plant, include name and classification.

Option: Have each student draw/paint a different plant. Post artwork in the class.



Landscape Architect



Plan a garden using Irish Plants. Choose location: backyard, park, in front of a building; Choose plants based on their size, color, light needs; Create symbols for each plant, then draw them in. Make a legend for each plant with descriptions and needs.

This link can help with drawing symbols

<https://www.successfulgardendesign.com/how-to-draw-and-group-plant-symbols/>

*Supplementals: Graph paper with Plant Legend (legal size)*

Magazine article



Write a magazine article about an Irish plant (a bloom, or other event of life of a plant), include photo either self-taken or from the internet. Chose from one of these styles:

- How To
- Interview
- Informative
- Alarm – Move to action

- Human Interest / Story
- Historical
- Inspirational
- Research / Scientific



Farmer's Market Booth



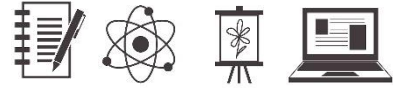
Simulate an Irish flower, decorative plant, or herb business as a booth at a farmer's market

*Supplementals: 7 pages of worksheets and overview*



*Individual Activities – Flora, cont.*


News Report



Give a news report about an Irish plant to include pictures. Choose from one of these styles:

- How To
- Interview
- Informative
- Alarm – Move to action
- Human Interest / Story
- Historical
- Inspirational
- Research / Scientific

Option:

Film the report rather than giving live. 

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Marketing Brochure



Create a marketing brochure for a small Irish plant business, showcasing each plant or type of plants with a little bit of information about each. Marketing materials can be hand drawn, created on computer, collaged and glued, etc. Choose one of the following formats:  
8½ x 11, tri-fold, third cut


Option: Create a digital advertisement.

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Life cycle of a Plant



Choose a plant from the book or other plant found in Ireland. Complete the template for each phase of the plant. Include a picture or drawing of the plant in the middle. 

Classroom Option: Have each student pick a different plant then post the completed work on the classroom, as a digital show, or combined in a book.

*Supplemental: Worksheet*

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Nursery Visit



Field trip to local nursery. Bring along smartphone or cell tablet to look up plants. Which ones are found in Ireland? Take pictures and give a presentation or report of what is found.

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## Small Group Activities - Flora



### Flora Treasure Map - local



Give each child a section of the playground/park/yard and one or more flora cards. Each child hides their cards and creates a treasure style map to the plant location(s). Divide into small hunting parties, switch maps and use the maps to hunt for the “treasures”.

Option: After finding the treasure cards, each child shares what they found and some quick information about the plant from the matching card.



*Supplemental: Flora card matches & sample symbols for map*



### Picture Match Game



Using card stock, each child creates four match cards choosing from the list (from the book) or additional plants from Ireland. One card is a picture or drawing, the “matching” card is the name to include its classification(s) (cite resources). Shuffle completed cards and place all cards face down in a single layer. Take turns turning over only two cards at a time to try and match. The student matching correctly keeps the pair and gets one point. The most points wins. Students can challenge the accuracy of the match and must look up using smartphone/tablet or other resource for confirmation.

Option: Use the match cards already created. Removes the research and art aspect of activity.

*Supplemental: Card outlines / match cards*



### Farmer's Market Booth



Simulate an Irish flower, decorative plant, or herb business as a booth at a farmer's market. Using the worksheets provided, each student researches at least three different Irish plants from one or more the categories below. Then as a group, decide what to include in the booth and complete the additional steps.

- 1) Flowers
- 2) Herbs
- 3) Landscape (bushes, other plants)



Supplementals: 7 pages of worksheets and overview

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## Entire Class Activities - Flora

### Create a paper Irish Flower Garden



Using pipe cleaners, construction paper to create flowers, or by drawing, create a paper version of an Irish flower garden. Each student creates/draws a flower of their choosing. Then “plant” the flowers by posting on a wall or putting on a board. Include information for each type of flower.

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### Plant a Real Irish Flower Garden



Plant a live Irish flower garden. Determine which native flowers will be grown and purchase/order the seeds. Using pots or garden area, plant the seeds and identify type of flower with wood tabs. Create another sheet that shows what type of care is needed: how much light, water, etc. along with some information on size and other info of interest.

Option: Track changes. Put the same type of flower in different environments and track growth on a chart: Include amount of light, different types of soil, amount of water, etc. Have kids determine what they think will happen ahead of time based on what they know of the plants, then see what actually happens and compare. Discuss what they discovered.

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