

INTRODUCTION

Science Research Projects is designed to:

- *Introduce students to the use of resource and reference books.*
- *Provide a variety of high interest research topics.*
- *Give students guidelines for the structure of a research report.*
- *Encourage students to focus on important and interesting facts rather than just copying paragraphs from a resource book.*

Each word search puzzle contains several related subjects within a given topic. Students may select to research any of those listed.

Go over the questions with students before they begin their research. This will give you a chance to clarify the structure and encourage the elaboration of interesting facts.

By elaborating whenever possible while recording information, the student may begin to develop independent ability to search for specific information to write and expand a report.

After gathering information and recording it on the guide page, the student is then ready to compile all the facts into paragraph form. The result will be a completed research project.

You may want to suggest an oral report in addition to the written information. This is an excellent way to provide practice in verbal language and presentation skills.

The **Science Research Projects** activities are very flexible. They may be used as individual lessons, as part of a learning center, or incorporated into the regular curriculum. They also make worthwhile homework assignments and enrichment projects.

This book is designed for use in grades 4-8.

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Name _____

Fruits & Vegetables

Find the names listed below in the puzzle and circle them.



JICAMA
KIWI
QUINCE
TANGELO
GUAVA
BREADFRUIT
BOK CHOY
GARBANZO
LEEK
KUMQUAT

Name _____

Fruits & Vegetables

Find your topic in a reference or resource book. Read carefully to find information to complete the sentences below. Look for interesting and unusual facts.

1. The name of this _____ is _____ .
2. What does the _____ look like?

3. Does it grow on a bush, tree, or vine? _____
4. If it doesn't grow in any of these ways, tell how it does grow. _____

5. If it's a vegetable, what part of the vegetable plant do we eat? _____

6. In what parts of the world does this plant grow? _____

7. Describe how this fruit or vegetable tastes. _____

8. Tell some ways in which the _____ is used.

9. Other interesting facts about the _____ are:

10. On the back of this page, draw a picture of the fruit or vegetable you chose.

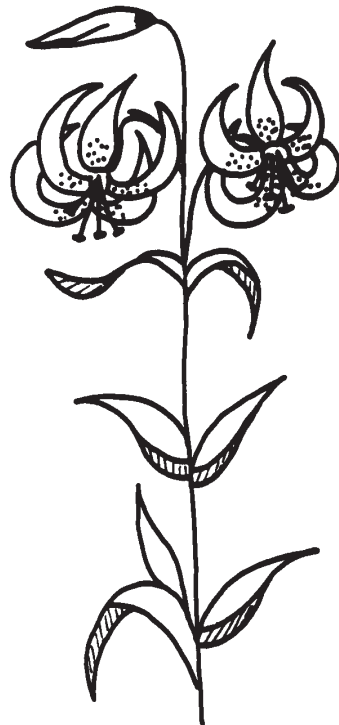
Name _____

Flowers

Find the names listed below in the puzzle and circle them.



PITCHER PLANT
SUNDEW
BUTTERWORT
FOXGLOVE
WHITE CLOVER
TULIP
PRIMROSE
COLUMBINE
LADY'S SLIPPER
IRIS



Name _____

Flowers

Find the flower you have chosen in a reference or resource book. Read carefully to find information to complete the sentences below. Look for interesting and unusual facts.

1. The name of this flower is _____ .

2. Is it a garden flower or a wild flower? _____

3. Where does it grow best? _____

4. What time of year does it bloom? _____

5. Describe the way it looks. _____

6. Does it grow from a seed? _____ If not, how do new plants grow?

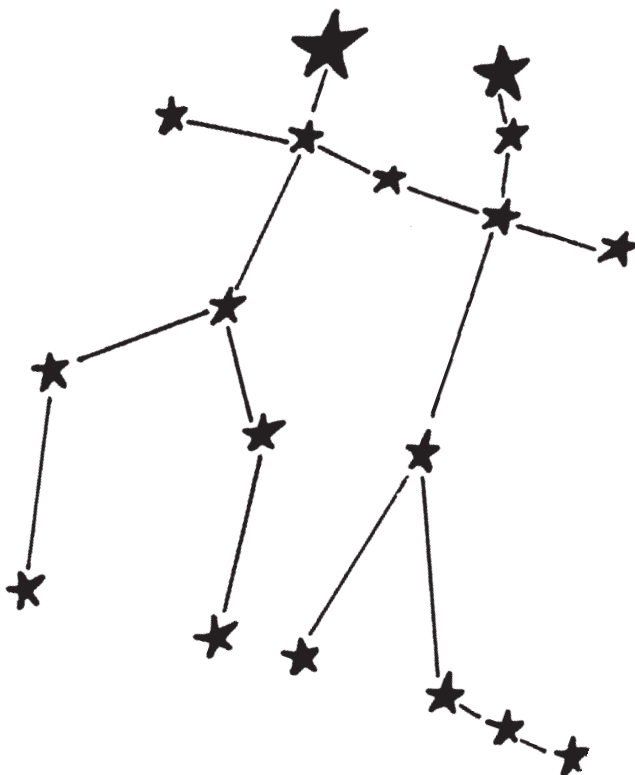
7. Other interesting facts about the _____ are:

8. On the back of this paper, draw a diagram of a flower. Label the parts.

Name _____

Constellations

Find the names listed below in the puzzle and circle them.



GREAT BEAR
DRAGON
ORION
LION
TWINS
SCORPION
BULL
EAGLE
PEGASUS
BIG DOG

Name _____

Constellations

Find your constellation in a reference or resource book. Read carefully to find information to complete the sentences below. Look for interesting and unusual facts.

1. The name of the constellation is _____ .
2. It gets its name from _____

3. It is made up of _____ stars.
4. The main star in the constellation is _____ .
5. How many light years away from the earth is this star?

6. During which season(s) can this constellation be seen?

7. Draw a diagram of the constellation. Label the main stars.