

Synthesis

REM 203E

A TEACHING RESOURCE FROM...



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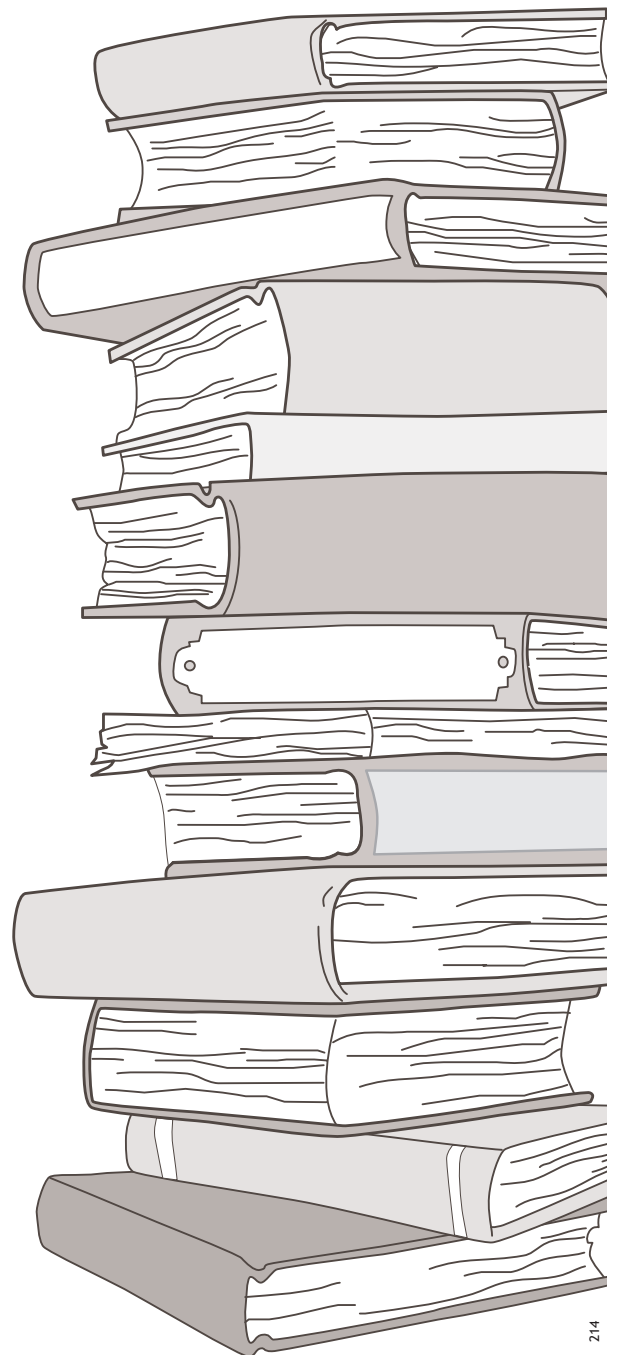
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INTRODUCTION

Synthesis, the fifth level in Bloom's Taxonomy, is the ability to combine parts of a whole in a new and different way. It includes the ability to think flexibly, determine alternatives, and find other ways to accomplish a given task.

The level of abstract thinking required to synthesize is much higher than that of any of the preceding levels. Students are encouraged to go beyond the obvious to more original thoughts.

All activities are reproducible for use in a variety of teaching, practice, and reinforcement situations. They are appropriate for whole class, small group, or individual use. Oral discussion of the work as it is completed will increase the level of student understanding.

THE CRITICAL THINKING SERIES

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202E	Relying on Reason
203A	Knowledge
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203C	Application
203D	Analysis
203E	Synthesis
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We spend lots of time learning the long and short vowels. What would happen if most of them disappeared one day? Could we still get our message across?

One day, Rob and Tim were bored. They decided to kidnap Rob's sister Sandy's teddy bear. Then they would send a note asking for ransom. Can you read the note they sent? Write the message on the lines, putting in the vowels where they should be.



Dr Sndy,
We hv yr tdy br. F
u wnt it bk, brng fr
cndy brs to Hopper's
brn bfr tn oclck. We
mn bsns!
Th Br Npprs

The boys were very surprised when they found this note taped on Hopper's barn. On the lines, write this note the way it should look.

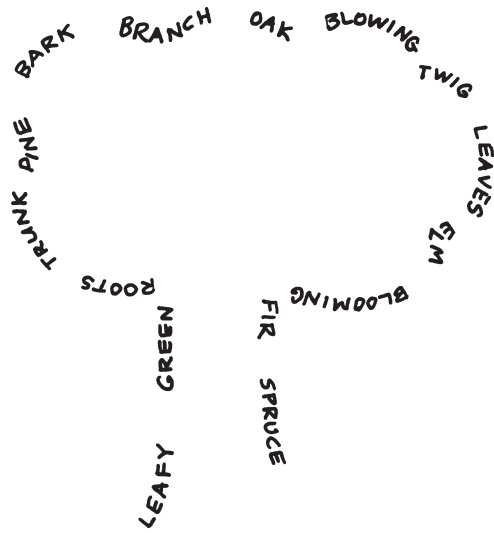
Dr Dm Boys,
Th br u stl is
nt min. Mrs. Brn gv
it to mm fr th grg
sl nxt Sndy. I thnk
u r n bg trbl!
Ha Ha!
Sndy

Shape poems are fun to do!

They don't have to rhyme. You can use lots of good describing words.

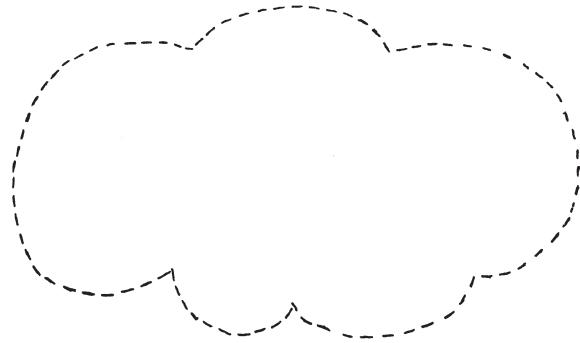
Here's a sample of a shape poem called TREE.

The words used are all words that you might use to tell about a tree. They are written in the shape of a tree.



Write a shape poem about a CLOUD. List as many cloud words as you can on the lines below.

Write your words in the shape of a cloud.



Follow the dotted line.

Now try writing a shape poem about a FLOWER. List as many flower words as you can on the lines below.

Make your shape here.

Below are some analogies using playing cards. Decide how the first two cards are related. Then, decide what the blank card should be. Fill it in.



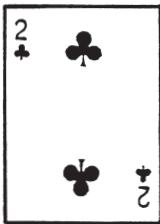
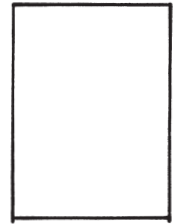
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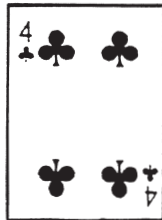
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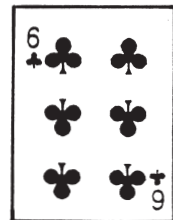
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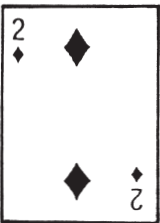
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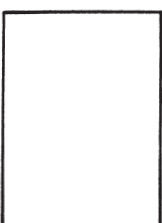
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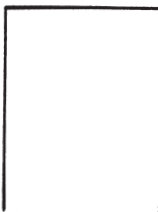
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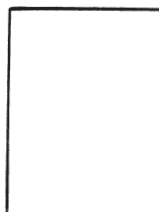


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Make up your own:

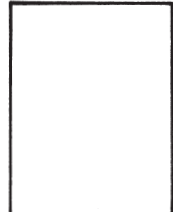
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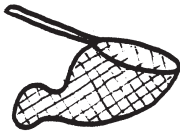




is to



A rebus is an interesting way to write a message. A rebus is a mixture of pictures, letters, and the signs that mean add (+) and take away (-). If you follow each step carefully, you will solve the rebus and get the message. Each rebus below is the name of an animal. Write the answer on the line.



1. m +  - h = _____

2.  - own +  - p - le +  - n = _____

3.  - e +  - um + er = _____

4.  - oon + i +  - e = _____

5.  - f + s +  - o + r = _____

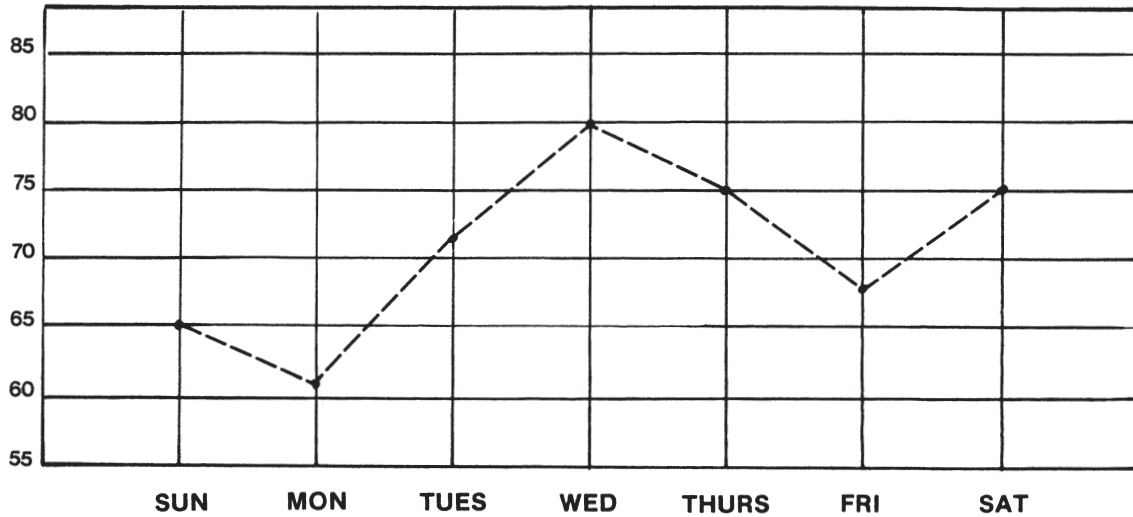
6.  - p +  - ee = _____

Use the pictures below to make a rebus that says SHARK.

7.   _____

A graph gives a picture of facts. There are many different kinds of graphs. The one below is a LINE GRAPH. It gives facts about the temperature each day for a week.

HIGH TEMPERATURES



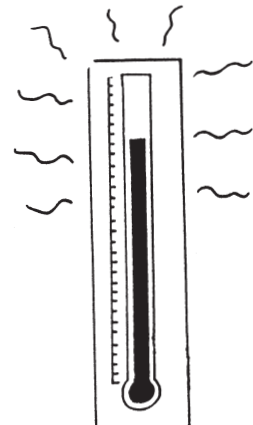
Use the graph to answer these questions.

1. Which day was the warmest? _____
2. On which two days was the temperature the same?

3. Which day was the coolest? _____
4. What was the temperature on Sunday? _____
5. How much cooler was it on Thursday than on Wednesday? _____

Now read the following weather report for the week of May 20 to May 27. Mark the temperatures on the graph and connect them with a solid line.

Sunday was cloudy and overcast. The temperature rose to only 58 degrees. Monday warmed up a little, and the high was 64. Tuesday and Wednesday had highs of 70 both days. Thursday was cloudy and 70 degrees. On Friday, the temperature was 68 degrees. A thunderstorm moved in on Saturday with the temperature dropping to 58.



Name _____

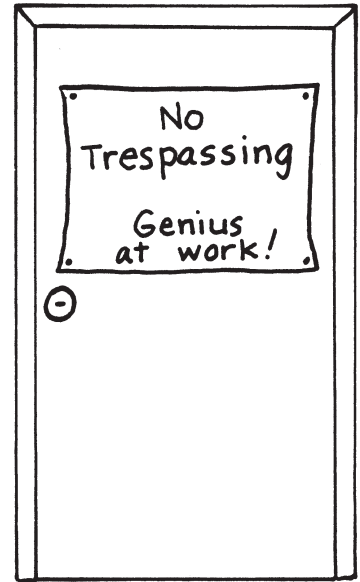
SYNTHESIS

Imagine your parents have told you that your room at home is going to be completely emptied. The furniture, carpet, drapes — everything will be taken out.

Then, you may plan the perfect room for you. You may have anything you want in it.

Now, comes the hard part — planning it.

What pieces of furniture would you want?



What other things would you want (posters, bulletin board, phone, etc.).

What colors would you use? _____

Imagine that this is your room. Draw in the furniture where you would like it to be.

