



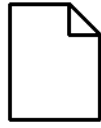
The Substance Involved in Chemical and Physical Change



Creates



an



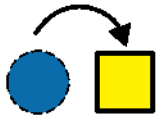
entirely new



substance.



Only



changes

the



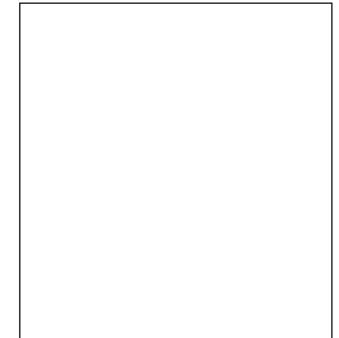
form

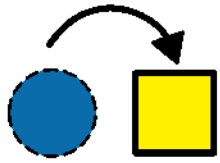
of

the

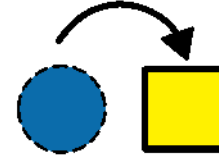


original substance.

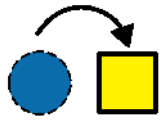




Type of Change Chemical and Physical



Chemical



change



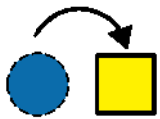
cannot be



reversed.



Physical



change

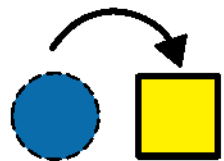


cannot be

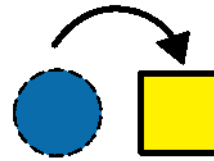


reversed.





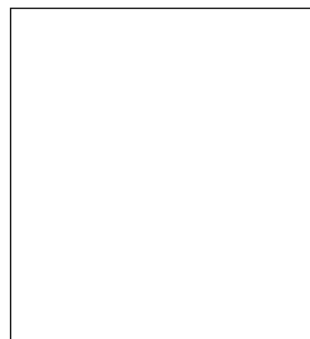
Example Chemical and Physical



Fireworks



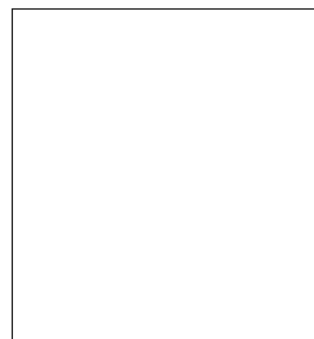
exploding.



Ice cubes



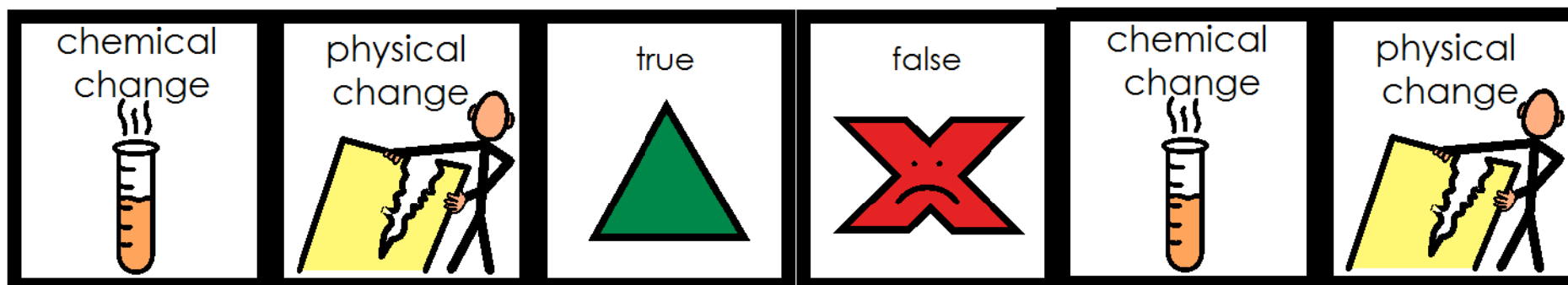
melting.



answers page 1

answers page 2

answers page 3





answers page 6

Science P8.4, C8.1 Student will interpret data and describe differences between chemical change and physical change performance level 3

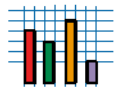
This activity is designed to allow students to demonstrate how interpreting data and describing the difference between chemical and physical change Instructions: Make sure Boardmaker is in Design mode (if needed, press CTRL + D or ESC to change to Design Mode). Print pages 1-6 Place pages 1-3 & 5-8 into page protector and velcro answers onto answer boxes. Cut answers out and laminate from page 4. Use these answers as manipulatives for student to place in designated answer boxes. Velcro can be used to keep answers secure.

**remember that scratchy Velcro is used on manipulatives and soft Velcro in answer boxes. Velcro needs: 20 SOFT DOTS and 11 SCRATCHY DOTS

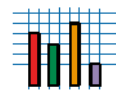
Interpreting Data

5		
4		
3		X
2	X	X
1	X	X
how many	chemical change 	physical change 

The science class completed scientific investigations. The type of investigations were placed in the graph with an X. Use the graph to answer the questions below.



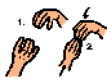
Interpreting Data



How



many



total



investigations



were



completed?



How



many of



the investigations



had

a



chemical



change



in them?



How



many of



the investigations



had

a



physical



change



in them?

