

SECTIONS: 4A,B,C,D,E

DATE	HOMEWORK	PARENT SIGNATURE
Monday	→ Complete the Vocabulary Review in the study guide	
Tuesday	→ Science I.A.N. HW-- See below → Begin working on questions 1-17 of the study guide	
Wednesday	→ No School-Teacher Planning Day → Continue I.A.N. HW → Continue working on questions 1-17 of study guide	
Thursday	→ Continue I.A.N. HW → Continue working on questions 1-17 of study guide → DUE FRIDAY	
Friday	→ Review ALL of the questions in your study guide to prepare for your test on MONDAY → Review vocabulary terms for vocabulary quiz on MONDAY	

science -- I.A.N

- Finish numbering your pages.
- Finish "About the Scientist" if you haven't done so.
- Cut and paste the "Science IAN Homework" page insert onto page 10 of your IAN.
- Draw an example of a chemical change and a physical change

Must be your own drawings!! No google images please.

VOCABULARY

Physical property: any measurable or observable attribute that describes matter

Mass: a measurable physical property that can be described as the amount of matter in an object

Balance scale: an instrument/tool used to measure the mass of solids

Gram: metric unit for mass

Volume: the amount of space an object takes up

Graduated cylinder: tool used to measure the amount of liquids and powdered substances

Color: an example of a physical property that can be observed

Texture: another physical attribute used to describe how something feels when you touch it

NEW THIS WEEK...

Chemical changes: takes place when a substance is completely altered

Physical changes: when a substance changes in size, shape, or form

Reminders

- **Parents:** Don't forget to initial your child's HW Cover Sheet every night.
- You are taking your I.A.N home this week, please remember to bring it back every day!
- **Science test and Science Vocabulary Quiz on Monday, September 24th**
- Homework due **FRIDAY, September 21st**

Science Study Guide-Properties of Matter

Vocabulary Review

Word	Sentence	illustration
1, Physical property		
2. mass		
3. Volume		
4. Balance scale		
5. Graduated cylinder		
6. Gram		
7. Color		
8. texture		
Chemical change		
Physical change		

Directions: Fill in the blanks and/or answer the questions.

1. Matter is a term used to describe things that have _____ and _____
2. What are the three phases of matter? _____, _____, and _____
3. Name three examples of solids.
 - a. _____
 - b. _____
 - c. _____

4. Name the characteristics of solids.
 - a. Definite _____
 - b. Definite _____
 - c. Explain how the particles are arranged and if they have movement.

5. Name three examples of liquids.

- a. _____
- b. _____
- c. _____

6. Name the characteristics of liquids

- a. Takes the shape of its _____
- b. Definite _____
- c. Explain how the particles are arranged and if they have any movement

7. Name three examples of gases.

- a. _____
- b. _____
- c. _____

8. Name the characteristics of gases.

- a. No definite _____
- b. No definite _____
- c. Explain how the particles behave in gases:

9. If you want to measure the amount of mass of a solid, what is the instrument that you would use?

10. What is the metric unit used to measure the mass of an object?

11. Name the instrument you would use to measure the volume of liquids and powdered substances.

12. What are the metric units used to measure the volume of liquids and substances?

13. A _____ is the instrument used to measure temperature.

14. Name the two units of measure for temperature. _____ and _____

15. Name five words used to describe the texture of solids and liquids.

16. Name the measurable properties of matter. _____, _____, and _____

17. Name the observable properties of matter. _____ and _____

Science I.A.N.

Homework

Directions: Cut along the dotted line and **paste this page into PAGE 10** of your notebook.

Illustrate examples of physical changes and chemical changes (draw as many as you can think of--no printed pictures please)