OAKS REVIEW

SCIENCE 8   APRIL 2018   MRS. PLYTER www.plyter.com/science

Name _____   Period _____

← Inquiry Review

INQUIRY Review:
Identify the Variables:

You test your **Purple Spot Cure** for Green People on 2 groups of Green People that want to get rid of purple spots on their ears. The experimental group takes your **Purple Spot Cure Pill** and the control group takes a fake pill that looks the same, but has no **"cure"** ingredient. Both groups meet every day at your office to take their pills and to count the purple spots on their ears. The participants don't know there are 2 different purple spot groups.

1. The **Independent Variable** is the one that you set. Here it means to take_____ or not take_____

2. The **Dependent Variable** is depends on what you measure. Here you measure the dependent variable by counting _____

3. The **Controlled Variables** are all of those you keep _____ such as _____ and_____

4. The **Control Group** does everything the same as the Experimental Group, except _____

5. The **Experimental Group** is really doing the _____ which is to take _____

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OAKS Review Packet
Follow the Directions

Oaks Portal Check.
**Go to the OAKS Browser, NOT CHROME.
Check to see that the Practice Test works correctly.
Report any problems.**

**If it works,
YOU Initial_____**

Science Binder Or CALENDARS in Order Vocabulary Handout

Thur

25   ## 26

OAKS:
You can do this!
____Divide into 2+ days _   _____
____Take Some Extra Time   _____
____Read & Re-Read   _____
____Di-vide words into parts_____
____Work it out   _____
____Double check ! !   _____

Science 8 OAKS:
**Meets = 235
Exceeds = 247**

**Your Score: _____
Meet (235)
Exceed (247)
Your Points: _____
(Your points over 200)**

**Physical_____   Life_____
Earth _____   I&E_____**

_____ **Add your Scores to your *Google Classroom* Graph → for Next Week.**

Fri

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Science Home Page: www.plyter.com/science
Google Classroom: Add your "Real" OAKS Scores to your OAKS Practice Graph
Practice Tests→   **QuizLab**   plyter18   Your Lunch #
Extra Points: → **Oaks Practice**   →**Rock Cycle**
    → **New Oaks Practice**   →**NAEP Practice**

OAKS Review Packet

OAKS Portal ✓

**BINDER - CALENDARS
+ Definitions and/or Examples
Attached Handout→**

←You Can Do This!
Points

OAKS Points

**EXTRA:
↙Online Practice**

Quizzes:

Mon_____

Tue_____

Total_____

	Organized Calendars: Fill in "Have" column. Define or give Examples for 10+ terms. (See #1) Page 1 Name				Per
#	**Date Due**	**Title**	**Vocabulary** Circle terms you choose.-->	**Add Short "Memory" Definitions and/or Examples:**	**You Have Calendar↓**
1	Aug 31	Inquiry	Hypothesis ----→---→ Adhesion - Cohesion-→	→Educated and measureable prediction →Attraction of or to **like – unlike** particles	
2	Sep 8	Inquiry 2	Variables Dependent Variables Controlled Variables		
3	Sep 15	Inquiry 3	Measureable		
4	Sep 22	Matter	Physical Changes Chemical Changes		
5	Sep 29	Matter 2	The Particle Model Solids-Liquids-Gases		
6	Oct 6	Matter 3	Atoms Atomic Cloud Model		
7	Oct 15	Matter 4	Compounds Molecules - Models H_2O CO_2 …		
8	Oct 20	Matter 5	Law of Conservation of Matter Chemical Equations		
9	Oct 27	Engineering 1	Criteria Constraints		
10	Nov 2	Life	Characteristics of Living Things Cells - Organelles		
11	Nov 7	Life 2	Venn Diagram: Living – Not Living		
12	Nov 17	Life 3	Mitochondria Cell Wall - Cell Membrane Nucleus		
13	Nov 21	Life 4	Plant Cells – Animal Cells Chloroplasts		
14	Dec 1	Life 5	Diffusion – Osmosis Hypertonic – Hypotonic		
15	Dec 8	Genetics 1	Offspring Trait Sexual - Asexual		
16	Dec 15	Genetics 2	Punnett Square Recessive allele - Dominant allele		

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17	Jan 5	Genetics 3	DNA Gene Genome		
18	Jan 12	Genetics 4	Chromosome Mitosis - Meiosis		
19	Jan 19	Engineering 2	Lift Bernoulli's Principle		
20	Jan 25	Engineering 2.1	Variable Priority		
21	Feb 2	OAKS Preview	Data Calculations		
22	Feb 9	OAKS Preview 2	Data Analysis		
23	Feb 15	pH Inquiry	Acids – Bases pH - Indicators		
24	Feb 23	Life Cycles 1	Energy Pyramids Food Webs – Food Chains Autotroph - Heterotroph		
25	Mar 2	Life Cycles 2	Photosynthesis Respiration Carbon – Oxygen Cycles		
26	Mar 9	Plants 1	Growth Rings Vascular Tissue Xylem - Phloem		
27	Mar 16	Plants 2	Seeds Embryos – Food Supply		
28	Mar 23	Plants 3	Flowers – Pollination Fertilization - Reproduction		
29	Apr 6	Classification Change Over Time	Classification Trees Change – Over – Time Mutations		
30	Apr 13	Density	Mass Volume Density		
31	Apr 20	Problems….	Seed Dispersal Inertia Newton's 1st Law of Motion		
Your Count →					