## **Student Science Daybooks**

Sample pages you might see in a science notebook

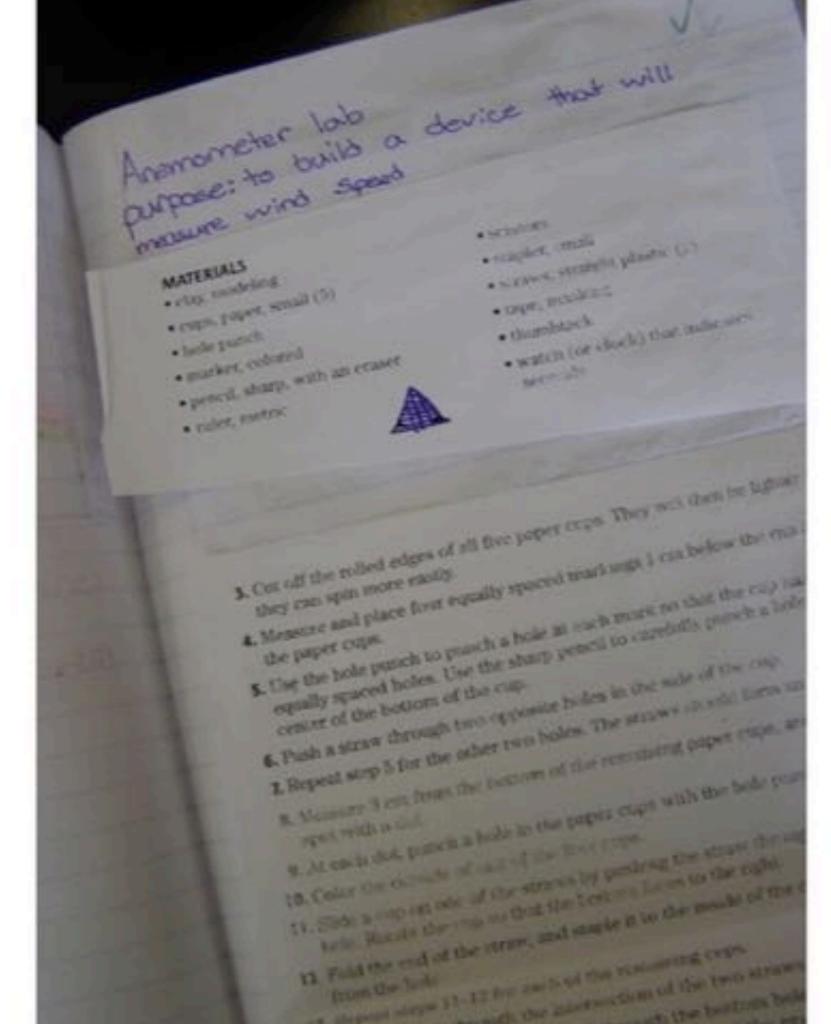
#### What's in a LAB WRITE-UP?

Every lab report must have the title of the lab and the date at the top of the page Every lab report must contain the following things, not necessarily in this order: 1. Question or Purpose 2. Hypothesis (statement) 3. Materials 4. Procedures (written step-by-step) 5. Observations 6. Data (numbers, graphs, pictures, etc) 7. Analysis of Data 8. Conclusion

MOST labs will have each of these things more than once and in any order. Learn to be clear about what you have done, observed and learned! Forms

Name:		Date:	
Warm-Up Question:			
What did we do in class?			
What do YOU need to do?			
What do you need to TURN	J IN?		
Other important announce	ements:		

# Sheets Direction

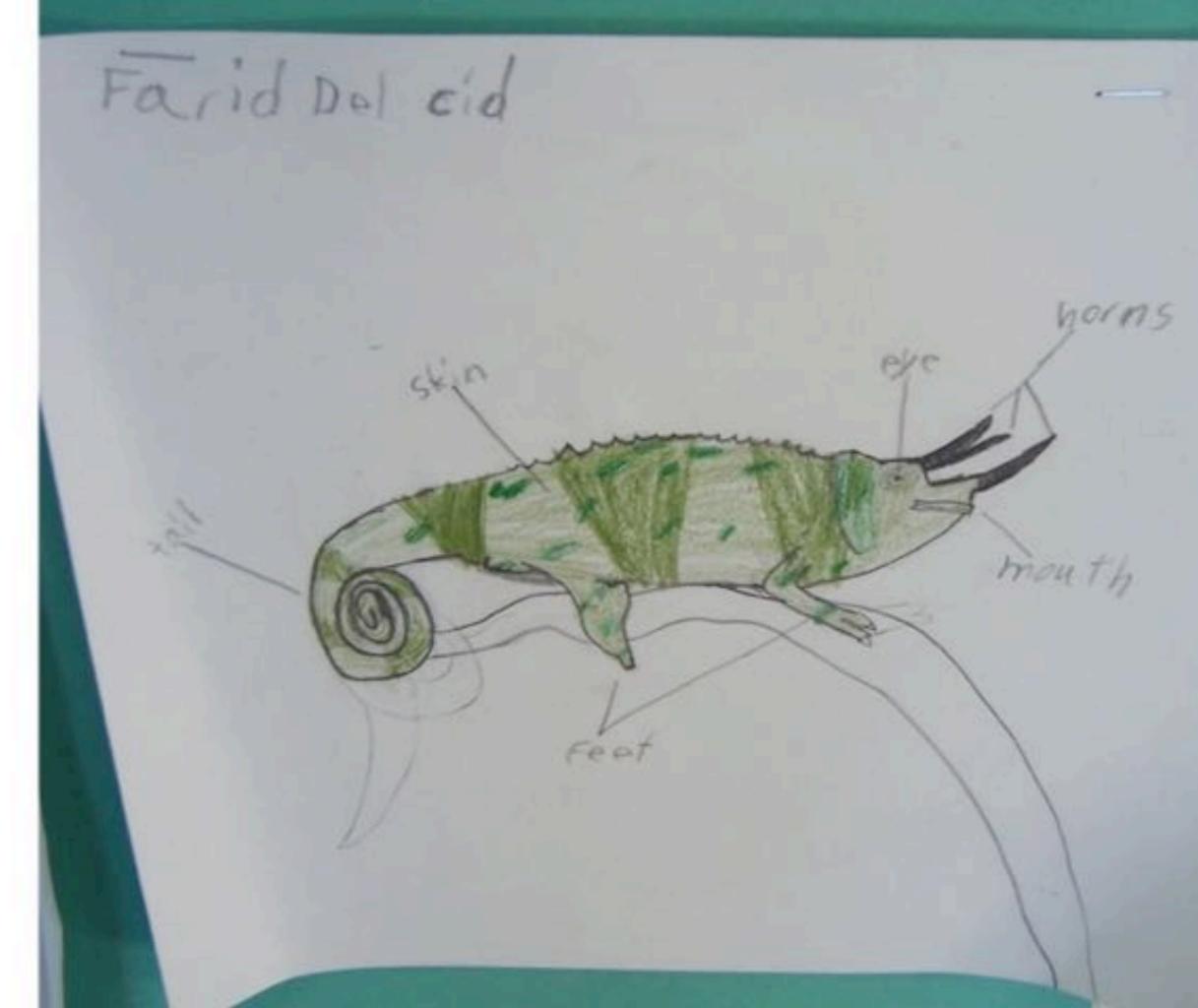


## Rience O Diagrams: Even a st grader can do it grader can 1 st

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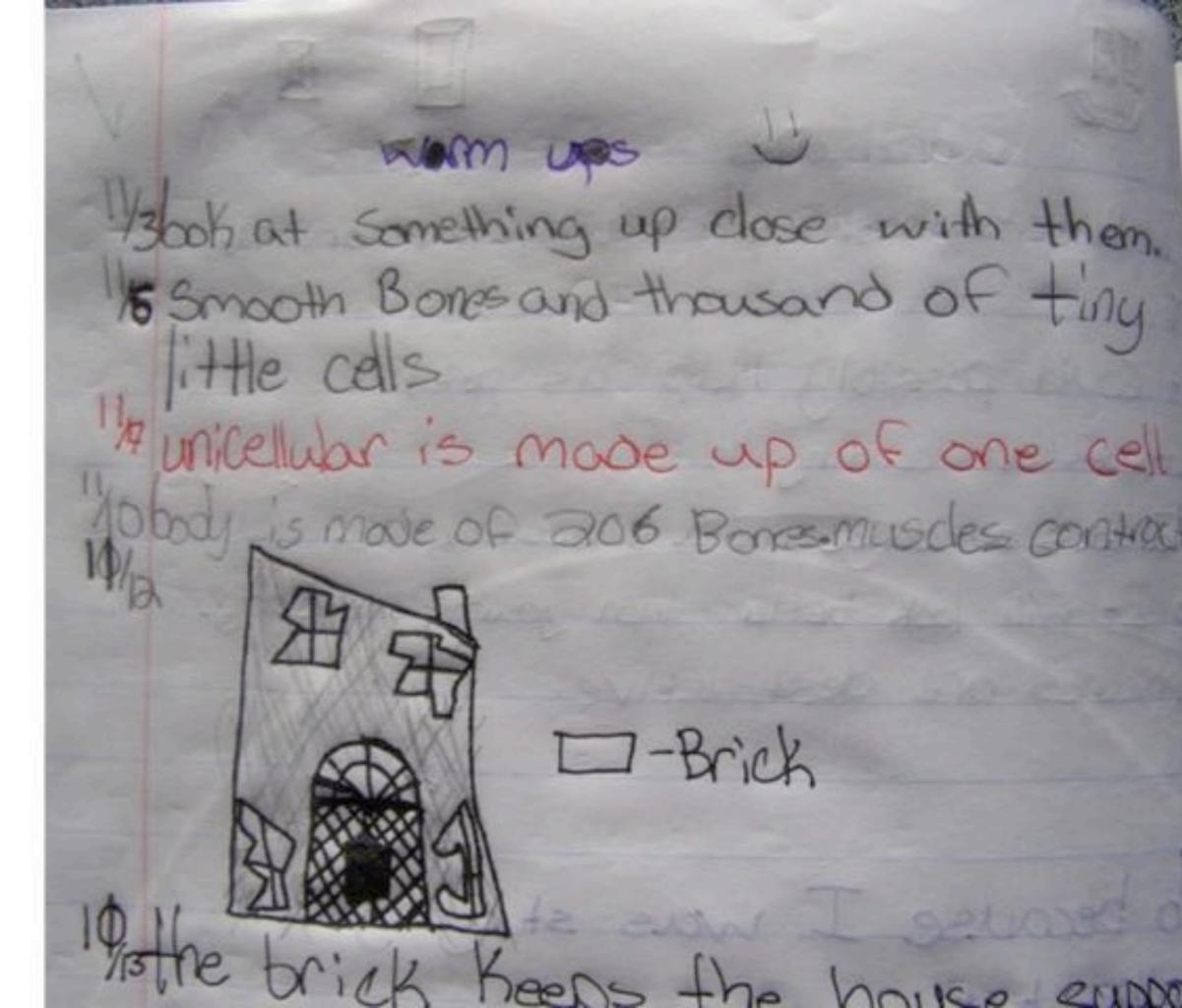
Diagrams

october 10-17-06 Picture of frog animal teet \* tat arms long fast push out legs moves cirms Swin Typer Were observing the bia minals were acting. We are learning about unimals legs and Habitats. How they live and how they act. Also how they iving look and how they eat and whathey Anphibian





# Warm Ups



Ups Warm

Warm-UP 11/10: THEM 2 + hings I remember from Fring on Fring the Viseo is the involuentary and vousenmy muscles and how they WorkeI 11/12: 11/13 The house is made obrichs and wood. The atside of the house is made the inside walls are made of and the things everbody haves and and halls. 11/17 How I learnes about the human body 135 byabook and also Mulicon

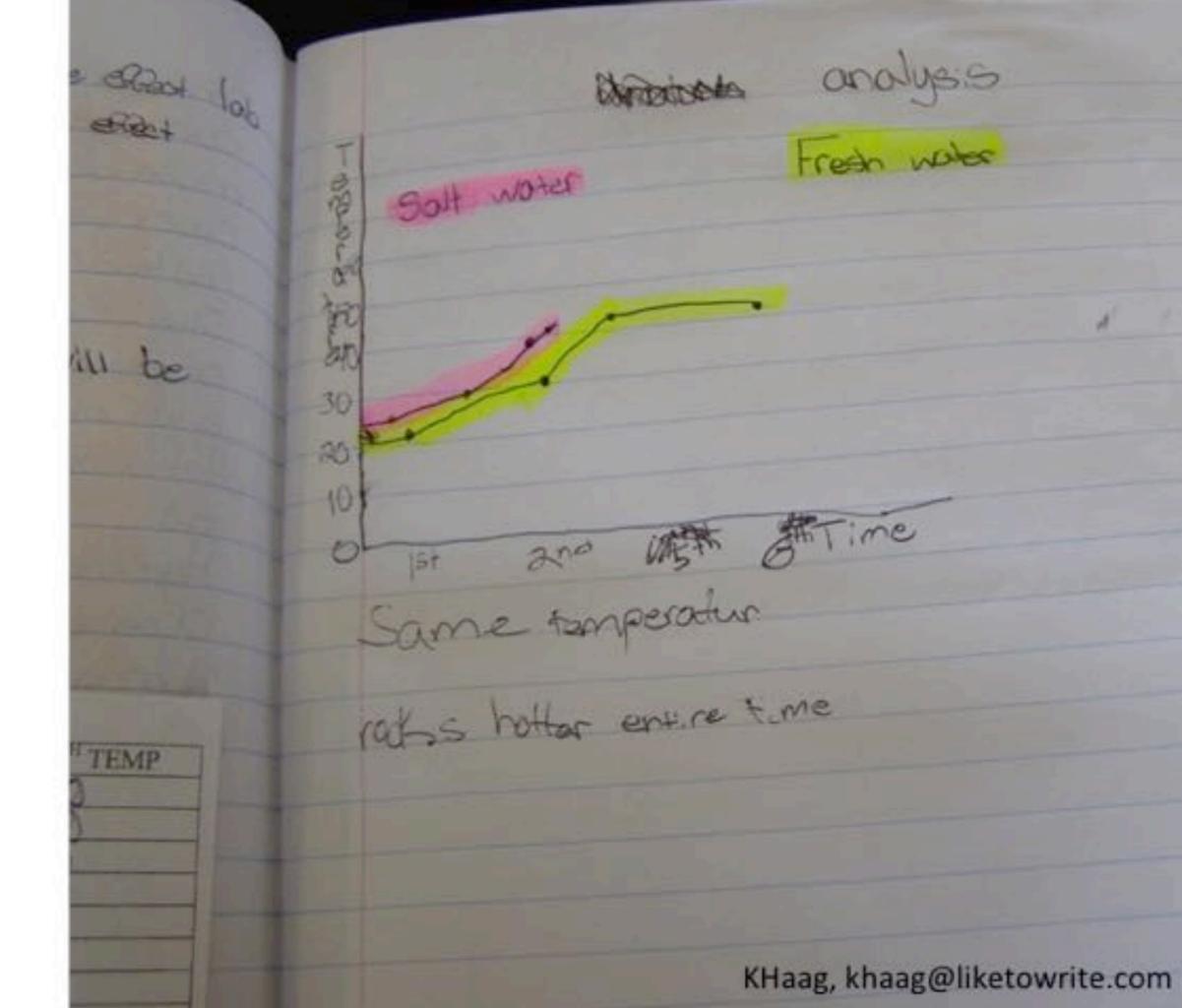


color of water mount de t 6000000 pint aht Green-Blue avender ant 2 300 7 35 notrillon botal adust fight KHaag, khaag@liketowrite.com

Experiment Data

= Grenhouse dea # purposes To study the Greenhause ever materialss Solt vous 0.030 2 Jors a themometers proves motorials - kpothesise which of the las will be bit. notter than the other? 30 Tupofres:58 20 \St Sonoz DATA: 6<sup>DH</sup> TEMP 5<sup>TH</sup> TEMP TEMP 20 5T TEMP JAR Outside Temp. 40 EMPTY 70 BLACK WHITE SAND DIRT ROCKS 22 SALT WATER FRESH WATER 30 METAL 3 39 03 PLASTIC

# Experiment Data

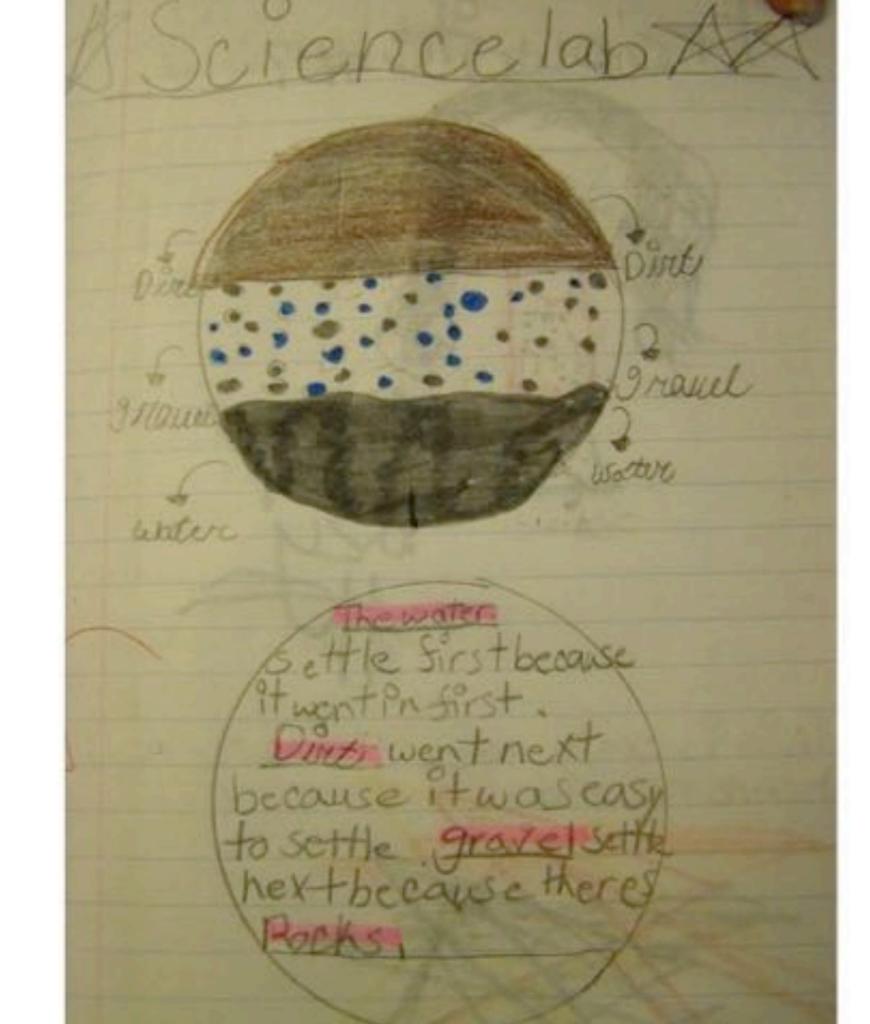


## Procedures ab

· Wires V Batterie Vingstalle VOW. Hot: Itted putting onewire on one stole office but the and the otherwise on the other Side, then stick them both on the bottom of the light Dub I needed to part one wire ontheside circut - Ba complete, rete f anger Carl puret - parto STAPLACE . attre war heate is when the light tomake ele tricity specthough Turnorful wire whend and reate apactil accident TRO Man Cellholder haldsbulder Piel KHaag, khaag@liketowrite.com

Procedures

Vibration makes sound. wall cango ott Sounds Vibrate. Sounds archigh and lower can trave Had an egy Sound Pequeats and 5 Vou can me sure sound in desibles. KHaag, khaag@liketowrite.com



Lab Notes

Notes Lab

Electricity magnitisom rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr at the end: I will and have a pauer point Have have eletricity Changed life in Month magnity som? What is electricity How is electreity generated where dose electrichy come trans. What do e us electicto For electricity happen without What did us do before electricity

air water NOCK oxegin ice gatorade Desk 0000 MIK PAPEN over head eanut Her hear me KHaag, khaag@liketowrite.com

Lab Notes

Lab Notes

concept of lang-term & shart-term e Acts 10 Star term badyport effects oldi (tion, manind staued reaction, brain Coll destin uchment Slument speech. menning loss . man Reversed locard painting. mentaly death uncarschismy system dixets Sconing Okstillen process may iver FIDSUE JIVENCETTER become un tain-IN DOSIS Hood home (red 3. INCOULDY PODIE increased heart hen't mude late, increased damage bled DIESSUICE moreosed univolian. Kidney ferhar derydiations, herebity war Cittiness. wideped blood 5000 nigh boat verses which creates JP55P3 DYESSURE STURE tone stree of Lant coniting chiching le. ULCENS in Stand Storoon is provide Iming, Stamph CONCEY

# Foldables

Courses numerits to your cells, requestes your body temp., helps body agest bod/iemove waste stauches and suppis faund in foods, main Sauce of energy for ware body

Ats

minerals

vitamins

2.

gar cereal and coffee for breakfast, nooalad for dinner. He will drink water and the day. ( stall

5 food Plan 3.

d ham for breakfast, a cheese melt for h a baked potato and broccoli for dinner. nd milk throughout the day.

eakfast, eat a large hamburger for lunch. finner. She will drink water and soda

le grain cereal and milk for breakfast, only ch, and a salad without dressing for diner and milk throughout the day.

Cornell Notes

where Does the Garbage GO Some people I think it's terrable. in New York Eity used to thru garbage it the seq. it's great that people Shod people mack lagger be more caefile but dose it get because Kids Smally on the mite get Sike. playground Cites are having I think it's yeary a hard time fineing harrible. landfills. Some cites try to get rid of their waste by surning. new people risichle is better. it's verry good that prople licicle I locand that I thank we shald glass, plastic, cans, paper recicl

# Cornell Notes

Vitamins minerals 311 From me. .. Trom text ... That why I have healthy Parsa VitaminA Keepeyes nointhat's good and a teeth, guns, Skin, Softand hast beatthy Mhatis that is it apell! P93-1A KSPiDa Is that atype of % in Vitaminst minerals? pg3=21/ the BOTU" KHaag, khaag@liketowrite.com

## today's objectives

TSW talk about prior Knowledge of bones and share with others look at bones TSW and describe form and discuss functions.

·Warm-Up · Read Albud · Bones: read -View -describe -write! · Project Time (if time) . Reflection

Today's

Agenda

# Warm Ups

Warm-Up What do you know about BONES? (not the TV show!) Tell me as much as you can!!





Drafts First

mes 11/18/ A toco to The electrate system is an organ system whose primary function is to support and protect the body and to allow the body to move. It is also made of bones. Bares are parts of the body that support and protect other parts of the body. It works with your muscles so you can mave. They are made of apecial material called marrow.



SUPPort A bone is things that helps your body. Bones help you do things it helps you run and do other activities. Bones Gre made of moneous Several different +PSSUES. Bones help you alot, Some bones are protected by muscles. Some bones arent well protectes because the bones are near your shin.

# Combination

\* Gib Grade Science Fair Hurg

Title: Smell vs. Torste

Question: Does Gender determine toste bud appability?

Stypethesis: If we test men and women to see which gender can detect the flowor of on all head while smelling a spice, women will be all the head while smelling a spice, women will be all the group completing this project the flowor bener. The group completing this project the blind to lated 5 men and 5 women. Next they put cinammon up towards their nose as they fed them a bue ras berry air head. They concluded that their hypothesis was incorrect. There was an even number of men and women who guessed the flowor of the airhead correctly!

4/1 Reflection: Some similarities of this years and lost years science four are the accuption boards. The projects are different though.

### Write science fiction novels in 10 minutes a day

## The Backsberg of Brenythiau Dunicla Parada

Kyle, Matt, Carl, Rebecca, and Jessica were all good friends that lived in New York. It has been a long time since they meet even as long as 15 years. Earthquakes have been happening all over the world, but the biggest quake ever though it was in Orlando, Florida It was recorded as 10.0 and the most dangerous ever of the year 3000. After the most dangerous quake was recorded Jessica and Rebeeca called the others for a personal get-together.

"We have to go to Florida, you guys ... to help!" said Jessica

"Yea, let's do that. C'mon you guy! PLEASE, PL

We have to." Rebecca suggested "Well ... I guess it won't hurt." added Matt. "Don't you think,

Kyle"

"Everyone who wants to go say L" announced Carl.

"I" the group all excitedly said.

"Yes, everyone voted to go." Cheered Jessica

"So, let's all pack up people and go, go, go!!" exclaimed Rebecca.

After three days of packing the group went on the safest plane they could ever afford to go to Florida. Everyone was excited to go especially the girls who planned on having a great time. All they could think about was the orange state know as Florida.

"I wonder what Florida will be like once we get there? It might not be so great because of all the quakes but I heard that it WAS a beantiful place to visit." Kyle calmly said, then added " the trees or cracks, moist or humid, fun or relaxing?"

"None of us have ever gone there so no one knows." Matt said "Maybe we can find something spectacular." Carl wondered.

the girl decided to turn on the T.V and watch what's on the news. In their comfy chairs all were relaxed for they had a big day tomorrow. The television was left on and once Florida was mentioned they all watched. The TV announced that in Animal Kingdom, Disney World, a kid named Jamie fell into the huge hole that ked to the center of the earth or that is what the scientists thought,

"The center of the Earth? The will be hard. I say hard, H-A-R-D." Matt complained

"This is or will be the best mission we have ever been on!" Kyle exclaimed.

"I hope everyone...especially me, have packed all their belongings we need for this is the BIGGEST, MOST DANGEROUS trip of our lives." Rebecca said.

"Okay, let's all get some sleep for the big day tomorrow. Got it." Jessica commanded nicely but also suggesting.

Everyone fell asleep except for Carl. He was thinking of how he was going to get the reward all to himself. The others never really knew that Carl was mean or bad they only knew that he was really tricky especially in time like this.

Once the plane landed and morning came they all woke up and began going for Disney world. Before entering scientist came up to them with a submarine. He said that the submarine might help for its many gadgets inside of it could be able to help along the way. So they took it. The submarine would also be able to get through the layers of the earth even though the scientists weren't completely sure if it was safe. The scientist only knew that it could only be able to go through a couple of layers. Just looking at the 8ft by 9ft hole in the ground gave everyone chills. The parents came up to them to say that their child was the most important thing in their lives so if she was found they would be so grateful in having them that they might give a reward. After the little talk with the parents a picture of the girl, Jamie, was given of her to them. Jamie was described as little, brown eyes, blue eyes, and was wearing a bow in her hair with sparkly shoes.

"I feel so sorry for the parents of Jamie and herself." Jessica said.

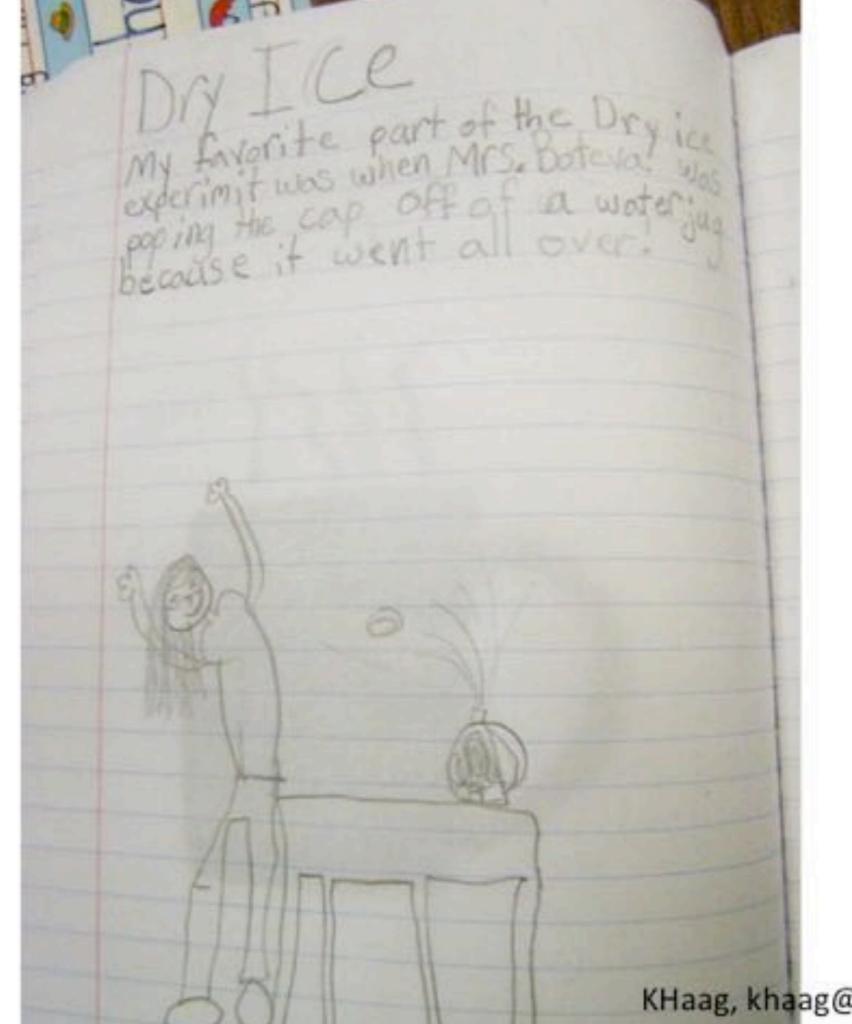
Reflection

carned understand science War ther hard article Some underline problems our and ance m 100 and divide Droblem to smaller pai KHaag, khaag@liketowrite.com

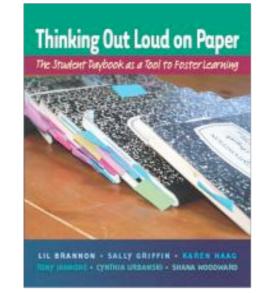








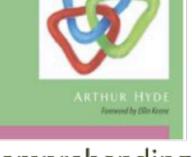
### ... why is everything so difficult, so different from class to class?



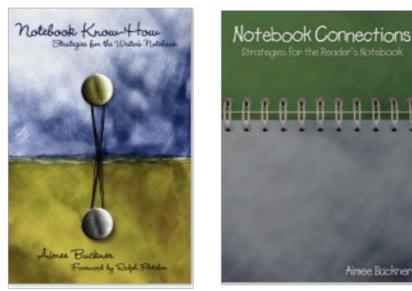
Understanding Middle Schoo Math

Math

Comprehending Math anting Reading Strategies to Teach Mathematics, K-6

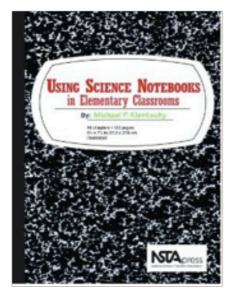


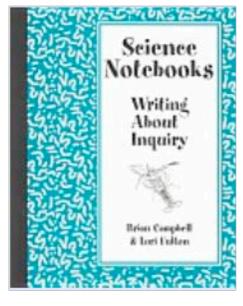
Understanding Comprehending Middle School Math Arthur Hyde



Notebook Know How and Notebook Connections Aimee Buckner

#### Thinking Out Loud on Paper





Using Science Notebooks Michael Klentschy

Science Notebooks Brian Campbell

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