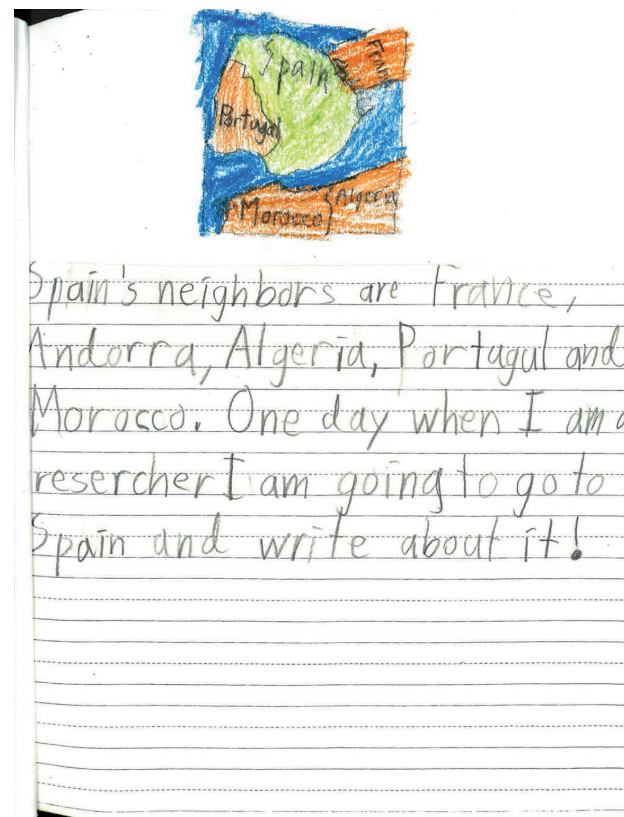
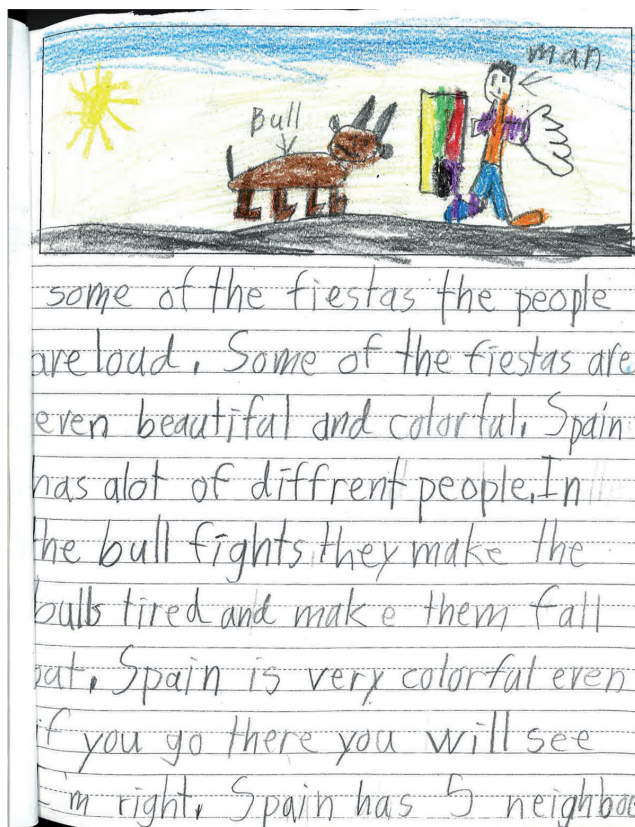
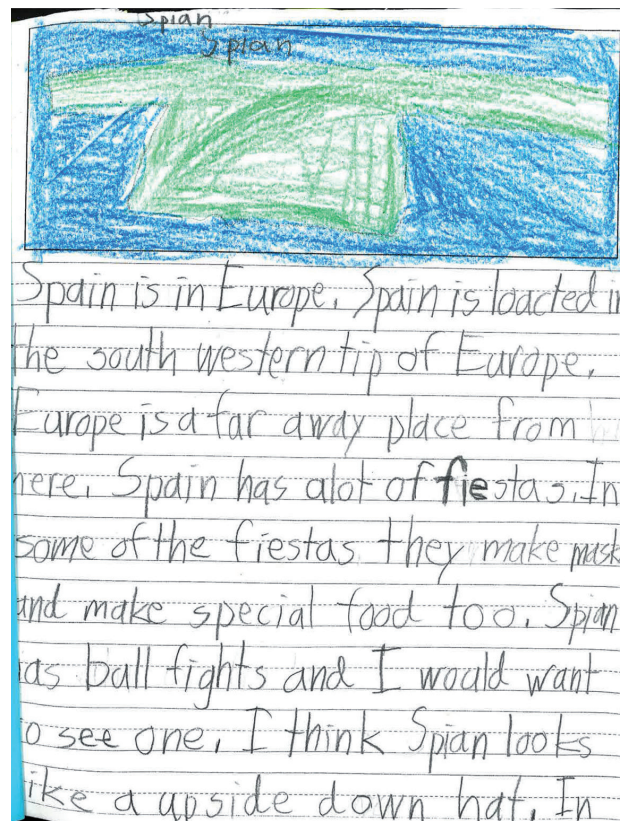
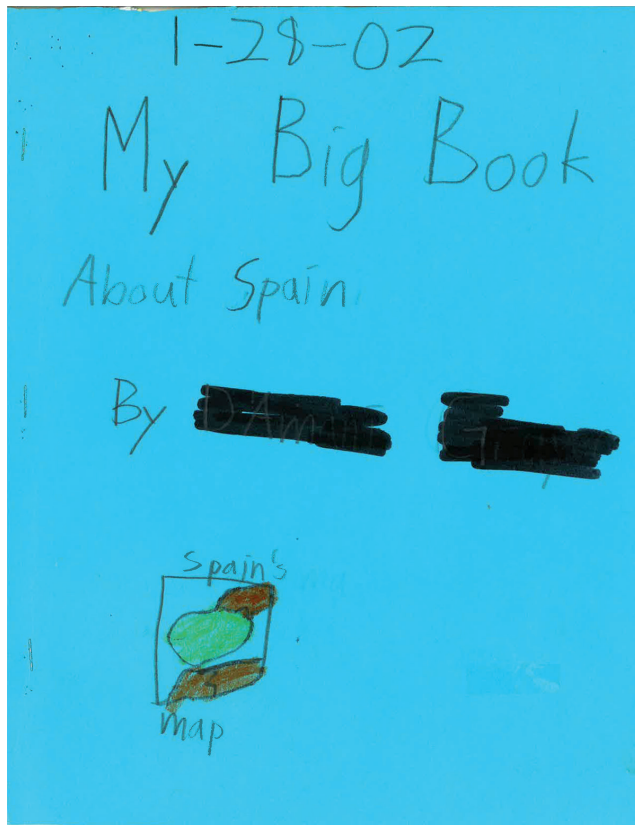


Student Sample: Grade 1, Informative/Explanatory

This informative report was produced in class.



Student Sample: Grade 2, Argument (Opinion)

This opinion piece about a work of literature was produced in class.

Owl Moon
When you go owling
you don't need words, or worm
or any thing, but hope. This
is the book of Owl Moon.
This book is written by
Jane Yolen. I like that
phrase Because The boy
was happy becaus he got
to go owling and hes been
wonted to go owling for a
long time and he finally
got to go.

When other Kids are
happy that makes me
happy. I like it Because
it makes me feel good
Because you don't haf't
to have words to go owling
but you haf't to have
hope to see an owl.

Student Sample: Grade 5, Informative/Explanatory

The informative writing that follows was produced in class.

Author Response: Roald Dahl

By:

Roald Dahl is a very interesting author to me. That's because he knows what a kid wants to hear. He has a "kid's mind". He is the only author that I know that makes up interesting words like Inkland, fizz wizard, and gobblefunking. All his stories are the same type. I don't mean the same story written again and again. What I mean is that they all have imagination, made up words, and disgusting thoughts. Some of his stories that have those things are Charlie and the Chocolate Factory, Matilda, The Witches and Danny the Champion of the World. The Witches is the book that I am reading right now, and it is like The BFG, another book that is by Roald Dahl. They are alike because in The BFG, Sophie and the BFG, (the big friendly giant), are trying to stop other giants from eating human beings. The Witches has the same problem. The Boy, (he has no name), is trying to stop the witches from turning children into small mice, and then killing the mice by stepping on them. Both stories have to stop evil people from doing something horrible. Roald Dahl uses a lot of similes. Some similes that he used that I like are: Up he shot again like a bullet in the barrel of a gun. And my favorite is: They were like a chorus of dentists' drills all grinding away together. In all of Roald Dahl's books, I have noticed that the plot or the main problem of the story is either someone killing someone else, or a kid having a bad life. But it is always about

something terrible. All the characters that Roald Dahl ever made were probably fake characters. A few things that the main characters have in common are that they all are poor. None of them are rich. Another thing that they all have in common is that they either have to save the world, someone else, or themselves.

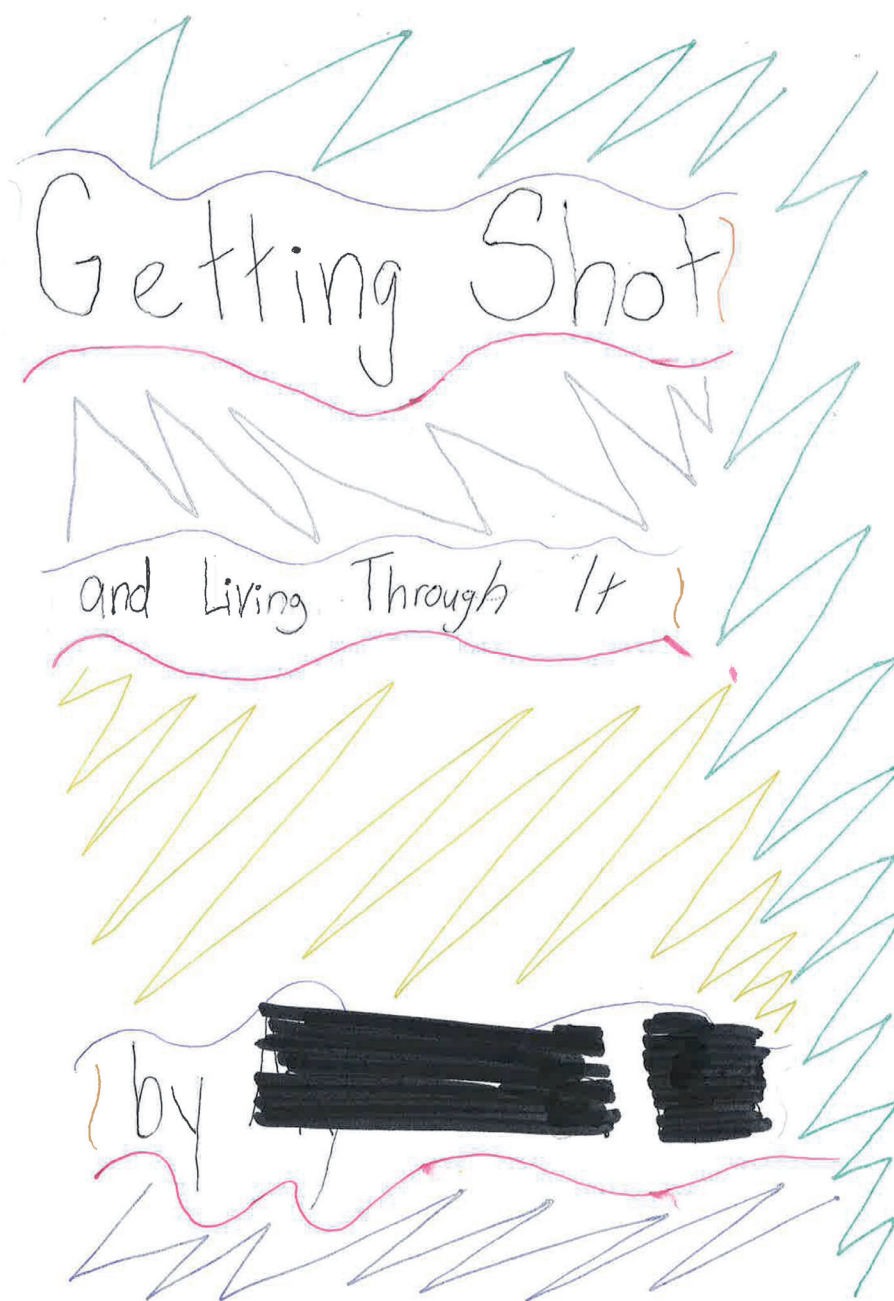
Annotation

The writer of this piece

- **introduces the topic clearly, provides a general observation and focus, and groups related information logically.**
 - *Roald Dahl is a very interesting author to me. That's because he knows what a kid wants to hear.*
- **develops the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.**
 - *He is the only author that I know that makes up interesting words like Inkland, fizz wizard, and gobblefunking.*
 - *Roald Dahl uses a lot of similes. Some similes that he used that I like are: Up he shot again like a bullet in the barrel of a gun. And my favorite is: They were like a chorus of dentists' drills all grinding away together.*
 - *In all of Roald Dahl's books, I have noticed that the plot or the main problem of the story is either someone killing someone else, or a kid having a bad life.*
- **links ideas within and across categories of information using words, phrases, and clauses.**
 - *The Witches is the book that I am reading right now, and it is like The BFG, another book that is by Roald Dahl. They are alike because . . .*
- **uses precise language and domain-specific vocabulary to inform about or explain the topic.**
 - *Roald Dahl uses a lot of similes.*
 - *I have noticed that the plot or the main problem of the story . . .*
 - *All the characters . . .*
- **demonstrates good command of the conventions of standard written English (with occasional errors that do not interfere materially with the underlying message).**

Student Sample: Grade 5, Narrative

This narrative was produced in class, and the writer likely received feedback from her teacher and peers.



We were in the darkness filled, mountain-top cold, waiting room. We were preparing for the shots of our lives. Getting shots for malaria and more.

There were many benches all shoved to the right. It was hard to see the color in the murky dark but it seemed to be some sort of faded brown. The room was big, no, huge which gave it all the more reason to be terror bringing. Who knew what would be lurking in the corner: Rats, monsters, anything! There were also doors. Three doors, which were also brown and also faded. One was the way in. Not the way out unfortunately. Another was the way to the other evil places. With the evil hallway and the evil office. The last door was the most evil, The Shot Room.

The rest of the room was filled with families. Including my family of five. My five year old self,

my three year old brother, and my one year old sister. Then there was my mom and dad. Some of the other children were screeching or crying or not knowing what would happen to them. So they would just be playing. I was in the middle of both. I was playing with fear, playing, knowing what would happen, knowing that the worst moment of my life was coming ever closer. It was like knowing you would be put to sleep, sent to the clementers, waiting to take a ride in the Electric Chair.

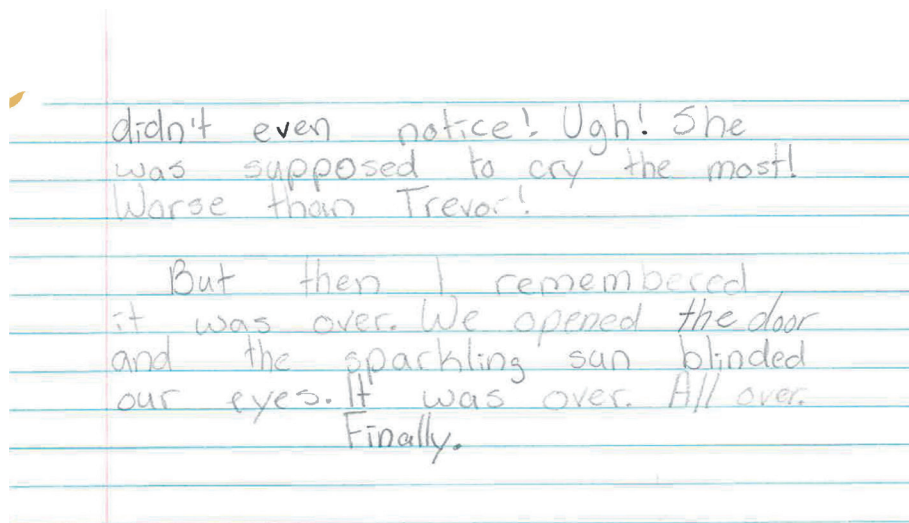
I had had shots before. They were not your best friend. After a long while a nurse said, "Alyssa, Trevor, and Taryn, your turn." It was our turn. I got half dragged and half walked. The door creaked open. It was the room of no return. The door slammed shut. There was no way out. Grown-ups guarding every outway, making sure we couldn't escape. Seeing there was no way out we gave up and went for it.

Trevor went first. Before the shot was even touching him he was already howling. When it did hit him he was yelling loud enough to deafen you. He was done. It was my turn (he was still crying so a nurse tried to calm him down).

I was paralyzed with fear, I was death-defyed, I was scared. My mom and dad told me to "just be brave."
 "Just be brave?!" How could I "just be brave?!" But I had no time to think. It was coming. Just waiting to pounce, just waiting to penetrate my skin! I saw why Trevor had screamed so loud. I couldn't hear anything, I could just see it coming, closer, closer!

It touched, entered my flesh, and fulfilled its job. I started with a whimper then, BOOM! + a blast cry.

When Taryn had her turn she



Annotation

The writer of this piece

- **orients the reader by establishing a situation and introducing the narrator.**
 - *We were in the darkness filled, mountain-top cold, waiting room. We were preparing for the shots of our lives.*
- **organizes an event sequence that unfolds naturally and uses a variety of transitional words, phrases, and clauses to manage the sequence of events.**
 - *Trevor went first. . . . It was my turn. . . . When Taryn had her turn . . .*
- **uses narrative techniques to develop experiences and events or show the responses of characters to situations.**
 - Humor through exaggeration: *Before the shot was even touching him he was already howling. When it did hit him he was yelling loud enough to deafen you.*
 - Reporting a character's thoughts: *I was paralyzed with fear, I was death-defyed, I was scared.*
 - Pacing: *It touched, entered my flesh, and fulfilled it's job. I started with a whimper the, BOOM! full blast cry.*
- **uses concrete words and phrases and sensory details to convey experiences and events precisely.**
 - *We were in the darkness filled, mountain-top cold, waiting room. We were preparing for the shots of our lives.*
 - *There were also doors. Three doors, which were also brown and also faded. One was the way in. Not the way out unfortunately.*
 - *The rest of the room was filled with families. Including my family of five. My five year old self, my three year old bother, and my one year old sister.*
- **provides a conclusion that follows from the narrated experiences or events (emphasizing closure by the use of sentence fragments).**
 - *We opened the door and the sparkling sun blinded our eyes. It was over. All over. Finally.*
- **demonstrates good command of the conventions of standard written English (with occasional errors that do not interfere materially with the underlying message).**

Student Sample: Grade 6, Argument

This argument (incorrectly labeled a story) is a process piece produced in class.

A Pet Story About My Cat . . . Gus

People get pets so that they will never be lonely, and they will always have a friend to be there for them. Ask your heart, what makes the best pet??? Some people think a best pet is picky, energetic, and sneaky, but I think my pet is the best pet because he is a cuddle bug, he's playful, and he loves me! Gus was about eight weeks old when we got him, now he is 4 1/2 months old, and he is about as big as a size eight sneaker. He is a little gray and white kitten. If you look closely he has a gray tail, but there are darker gray rings around it. He has a little white on his face, and some on his tummy and paws. He has a little stripe on his leg but it is his back left leg only. He's very cute, and he purrs a lot! He also has a cute little gray nose.

One of the reasons why my cat Gus is the best pet is because he is a cuddle bug. When Gus was a baby, he had to be kept in a cage because he wasn't allowed to interact with the other pets until he was older. He couldn't interact with the other pets because when Twister was a baby, the ferrets bit her ear and dragged her under the bed, and bit her in the back of the neck and we didn't want the same thing to happen to Gus. Also because Twister had to be kept in a cage when she was little, too. His cage was in my room so when he meowed, as if to say, "Get me out!" I would have to take him out and sleep with him. All he would do is thank me for doing that by snuggling against my chin! Another example to prove that Gus is a cuddle bug, is that when I'm feeding Gus, I put his and Twister's bowl up on the counter when I do so, and Twister sits there patiently while Gus is snuggling against my legs to show affection toward me. He snuggles my leg even when I'm walking around! Well, at least he tries to, because he follows me, and when I stop walking, he starts to cuddle. Eventually I pick him up and cuddle him back!!! Finally, when I have nothing to do and I'm just sitting on my bed reading, Gus jumps up with me and then he pushes away the covers to get under them, and he sleeps on my chest to keep my company when I'm board. After he slept on my tummy many times, he finally got the nickname _____ Cuddle Buddy. Now I always snuggle with my favorite cuddle buddy . . . Gus!!!

A second reason why Gus is the best pet is because he's playful. Most of the time when Gus is lying on the couch minding his own business, I'll reach out to pet him then he'll start biting my hand and attacking it!!! He does this to be playful, not to hurt anyone but he just wants to have fun. It kind of tickles when he does it, actually. Gus also has a little toy mouse that is attached to a string that I drag around the house so that Gus will follow it. The mouse has a leopard skin pattern on it with balls of fur as hands and feet. The mouse is about the size of the pencil sharpeners in Mrs. _____ classroom. He goes after that mouse so fast that it's hard to see him running by to catch it. When Gus was a baby, I would put him in my bed to sleep with, but before we went to sleep, I would move my feet around underneath the covers, while Gus was on top chasing them around. Eventually, he got tired and lied down near my feet, but before he was completely asleep, I would pick him up and put him near my pillow and we slept together. Gus loves doing that all the time. I love how Gus is so playful!!!

The last reason why Gus is the best pet is because he loves me! He always misses me whenever I'm not there. When I come home from school and I open the door, Gus comes flying around the corner, and starts to climb my pants! When he gets high enough, I grab him in my arms and we start cuddling each other while Gus is happily purring. He does this a lot. Most of the time I'm in my room watching TV, while Gus and Twister are fighting and killing each other, they come dashing around the corner and into my room. I, of course, have to break up the fight. After that, I put them on my bed and hold them down, but they keep squirming. Soon, they get tired and sleep with me, silently, watching TV. Gus is with me as much as possible. Sometimes he's busy playing with Twister, sleeping, or eating. Otherwise, he's playing or sleeping with me. We do so many things together and I'm glad I got him, but technically, he chose me. It was a homeless cat shelter. They were able to catch the kittens, but not there mommy. His brothers and sisters were all playing, but he was sleeping under the table. Soon, he walked out from under the table and slept with me while we cuddled on the couch. That's how I met Gus.

People have feelings for their pets that show that they love them very much. When I had to decide what makes the best pet, I would say that Gus is the best pet because he is a cuddle bug, he's playful, and he loves me. When you think about the examples that I gave you, like when I told you about how Gus snuggles against my chin, you saw that Gus **is** the best pet and if you don't believe me, you have a problem with deciding who the best pet is.

Student Sample: Grade 7, Informative/Explanatory

The extended project that led to this scientific report required students to review existing research, conduct original research, and produce a report. Although the student who wrote the report was in grade 7, the conceptual understanding the report displays is clearly at an exemplary level.

A Geographical Report

My report is on a very rare and unique wetland that many people do not even know exists. They occur only in a few places around the world.

My topic is created by a specific geographical condition. Vernal pools in San Diego occur only on the local mesas and terraces, where soil conditions allow, but these are the ideal place for much of the city's urban and agricultural development. Is it possible to find a balance between the two conflicting purposes of expansion and preservation?

This raises an interesting question; how can you establish vernal pools being thought of as a geographical asset?

METHODS

To answer my question I had to get information on vernal pools: what they are, where they are, and how they are a sensitive natural habitat. Then I needed to examine how city expansion is affecting vernal pools, and if it is apt to continue. I needed to know what the City thinks about the problem and what they are planning to do.

First I looked for any information available on vernal pools at public libraries, but I couldn't find what I was looking for. The topic is apparently too obscure. Next I went to a university library that had an environmental department to get as much information as possible (University of San Diego).

I also interviewed several authorities in the field: the district representative for the U.S. Army Corps of Engineers, the federal agency responsible for the protection of wetlands; a senior environment planner with the City of San Diego, who wrote the City's Resource Protection Ordinance (RPO); the Station botanist at Miramar Naval Air Station, who is in charge of their vernal pool management plan on the land that has the largest number of pools remaining in the City of San Diego; a biologist working for RECON (Regional Environmental Consultants), a firm which is mapping the vernal pools for the City of Hemet, (another city in San Diego County facing the same issues); and finally a geographer working for SANDAG (San Diego Association of Governments), a regional organization that gathers, records, and analyzes data associated with regional planning and environmental issues. They answered many questions and offered their own ideas and information, including additional articles on my subject. I looked at several maps and photos of vernal pools locations, and charts of changing land use.

To decide how much education may be needed about vernal pools, I made a questionnaire, and surveyed two classrooms of elementary students, and a group of forty-two adults, trying to cover most age groups.

WHAT VERNAL POOLS ARE

Vernal pools are a unique and rare form of wetland. Wetlands are areas that are covered or soaked by water enough to support plants that grow only in moist ground. Some examples of wetlands are bogs, swamps, marshes, and edges of lakes and streams. These are what people think of when they hear "wetland". But vernal pools are different than these other types of wetlands. They are located on dry and flat places. No one would expect to find a wetland in such a dry area!

San Diego vernal pools are surrounded by small mounds called "mima mounds". The name mima mounds come from the Mima Prairie near Olympia, Washington. People don't know for sure how mima mounds are formed. Some think that they were formed by gophers piling up the earth. Others think that ice wedges from glaciers caused the upheaval, or maybe the wind pushed loose dirt, catching in clumps of shrubs. Mounds can be found on prairies or terraces with a hardpan or clay layer underneath.

Vernal pools are depressions between the mima mounds. In winter the pools are filled by rain storms. In spring the pools look their best, when plants are in full splendor. By summer the pools are dry and look only like a dry pothole, (See illustration of pool cycles and typical cross section.) A vernal pool does not dry by soaking into the ground; the layer of clay or rock underneath the pool prevents the water from soaking through. Instead they dry out from evaporation, or use by the plants. The mima mounds are not impervious so one pool tends to drain into another. Therefore, the pools have to be on flat land; the pools cannot be on a slope or the water would run off, and the pools would not be filled.

[Illustration here]

Typical Cross Section of Vernal Pool

[Illustration here]

Vernal Pool Cycle

WHY VERNAL POOLS ARE SO IMPORTANT

Vernal pools are a very rare, specific habitat. Hardly any are left, so we don't have many to lose. There used to be vernal pools on many of the mesas and terraces of San Diego County, and the Central Valley of California. Now there are almost no vernal pools in the Central Valley, and an estimated 97% have been lost in San Diego County. An estimated 80% of the remaining pools in San Diego are located on Miramar Naval Air Station. (See map, next page.)

[Illustration here]

Vernal Pool Distribution, San Diego County

It does not take much to disturb a vernal pool. Even grazing or off road vehicle use in the summer, when pool species are dormant and people could think they are just a dry hole, can damage them. Most are disturbed by grading and flattening of their habitat, or by breakup of the impervious layer. With just flat land there would be no depressions for vernal pools to form; what would form would be "vernal mud". With no impervious layer the water would just sink into the ground, and would be there only for a short period of time, not enough for wetland plants.

The mima mounds have to be protected too. If the watershed for the pools is changed, the condition of the pools changes. If there isn't enough water from runoff, then all plant or animal life in them disappears, because they need enough moisture at the right time, to live. If there is too much water, then the pool may turn into another kind of wetland, such as a bog.

Although people have begun to study them, there is still a lot to learn. One thing scientists know is that they are a part of a larger environment. Many animals travel from other areas to feed on plants or animals, or drink from the vernal pools. For example, water fowl from many other places will stop at the pools to eat the fairy shrimp and snack on the plants.

Vernal pools have a large assortment of rare and exotic flora and fauna (plants and animals). Five of them are on the federal list of endangered species, and one more is a candidate for listing. The plants and animals in vernal pools are unusual because they have only developed recently compared to other changes in evolution. As scientists study the pools more intently they are finding more and more unknown species. There are temporary pools in other places around the world, but California's vernal pools are different because of their long drought phase, which causes the plants and animals to adapt to the climate. They go into a dormant phase. For example, fairy shrimp lay eggs before the drought which hatch when it gets moist enough to be active. Some plants, in a short period of time, develop seeds; others appear to die out, but quickly spout again from the rain. Many of these species cannot survive outside vernal pools, and some are "endemic" (species found only in a very restricted geographical area).

PROTECTION TECHNIQUES

The first step is to try to keep development away from vernal pools. But to do this you first need to know where the pools are. Thanks to regional mapping efforts, existing vernal pools have been fairly well identified in San Diego County.

There are already laws against disturbances of vernal pools. You could go to jail or get fined a large sum of money for disturbing a wetland. The U.S. Fish and Wildlife Service protects the listed endangered species present, and the U. S. Army Corps of Engineers makes sure you don't fill any kind of wetland habitat, including vernal pools. The local office of the U.S. Army Corps of Engineers has submitted a proposal to Washington for a stricter permit process for vernal pools.

When possible the vernal pools should be part of a large preserve of open space. That way the pools would not be isolated islands, but part of their natural communities, and would be protected by a buffer of distance. Fences should not be put directly around the vernal pools unless it cannot be avoided, because it would keep some animals out, such as rabbits which spread plant seeds around when they eat them.

It is important to educate people about vernal pools so they know how important they are and what they look like, and so they know how to preserve them. To see how much education may be needed in San Diego, I surveyed ninety-two people (forty-two adults and fifty elementary students to try to cover all age groups). I asked them if they had heard of vernal pools, and if they knew what they were. About 21% thought they had heard of them, but only 7% really knew what they were. (See pie chart.) I found that much education is needed.

[Illustration here]

Survey Results

At N.A.S. Miramar the Station botanist has been putting articles dealing with vernal pools in almost every issue of the base newspaper. Now most people on the base know about vernal pools, and know how valuable they are.

RECOGNIZING AN ASSET

Education is a key to preserving vernal pools. Vernal pools are very unique and we do not have many to lose. Making new ones does not work. Studies done at the University of California, Santa Barbara, have shown that after five years their complexity goes down.

First, vernal pools must be protected. There could be different ranges of accessibility, from remote (available to research only), somewhat accessible (good for guided seasonal visits), to readily accessible (which may have to be protected by fencing or supervision). The most accessible ones would be a great educational opportunity for the general public. The pools closer to development could be developed into nature centers, with raised boardwalks to protect the habitat, as is done over the hot springs in Yellowstone. (See illustration.)

[Illustration here]

Cross Section of Possible Nature Center

Interpretive signs and docents could provide information. Being very unique, vernal pools would make interesting learning centers. People would learn how the plants and animals adapt to the seasonal changes. This would teach people the importance of vernal pools, how complex they are, how to identify them, and how to preserve them when wet or dry. A park in the Sacramento area has an adjacent vernal pool with hiking trails around it; and it seems to work there because the people there know how important and delicate it is.

Ecotourism, a popular concept now, would be another idea. San Diego is a place where tourists already come. The very climate and geography that brings people here is what created vernal pools. Ecotourism would be easy to add to the other attractions, and would indirectly benefit the city. A tour company might be authorized to place advertisements to bring people to learn the importance of vernal pools and their ecosystem. With many people outside San Diego knowing about vernal pools and concerned about their well-being, there would be widespread support for vernal pool protection.

CONCLUSION

The problem of endangering vernal pools will not go away, because the City will need more land to develop. However, vernal pools remain a rare and unique wetland, and need protection. Even though there are laws made to protect them, pools are still being lost. Education is needed. Widespread education showing how important vernal pools are, and how easy they are to disturb, will create widespread support for protection.

A balance between expansion and preservation will not come easily, but if the public views vernal pools as a geographical asset, the balance will shift toward long-term vernal pool preservation.

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Annotation

The writer of this piece

- **introduces the topic clearly, previewing what is to follow.**
 - *My report is on a very rare and unique wetland that many people do not even know exists. . . . Vernal pools in San Diego occur only on the local mesas and terraces, where soil conditions allow, but these are the ideal place for much of the city's urban and*

Student Sample: Grade 8, Narrative

This narrative was written to fulfill an assignment in which students were asked to introduce a special person to readers who did not know the person. The students were advised to reveal the personal quality of their relationship with the person presented. The student who wrote this piece borrowed ideas from a fictional piece she had read.

Miss Sadie

Miss Sadie no longer sits in her rocking chair on her porch on summer days. But I still can see her. The old chair squeaking with every sway of her big, brown body. Her summer dresses stained from cooking in her sweet smelling kitchen. I see her gray hair pulled back in that awful, yellow banana clip. Most of all, I hear that voice. So full of character and wisdom.

I used to bring Miss Johnson cookies every summer day of 1988. I miss the days when I would sit on that shabby old porch and listen to her stories. "Melissa!" she would holler. "What 'chu doin' here? Come see me and my poor self, hah, ya?"

She once told me of her grandmother who escaped slavery, back when white men could only do anything, she would say. Her grandma ran for miles without food or water. It wasn't too long before her master came looking for her and took her home to whip her. I thought of how Blacks are treated today. I sighed. She would sing in her

soulful, blaring voice, old negro hymns pressed down from her mother and grand mother. I would sit there in amazement.

Once, Jimmy Taylor came walking by us yelling, "Melissa! Whattaya want with that old, fat, Black lady, anyways?"

Before I could retaliate, Miss Johnson said to me, "Now, you musn't. We must feel sorry for that terrible child. His mother must have done gone and not taught him no manners!" She actually wanted me to bow my head and pray for him. (Even though I went to his house and punched him out the next day.)

My friends would tease me for spending the whole summer with Sadie Johnson, "The Cuckoo of Connecticut," they called her. But I'm so very glad I did. She taught me then, to not care what other people thought. I learned that I could be friends with someone generations apart from my own.

My visits became less frequent when school started. I had other things to think about. Boys, clothes, grades. You know, real important stuff.

One day I was thinking, I haven't seen Miss Sadie in a while. So after school I trotted up to her house amidst the twirling, autumn leaves.

I rang her bell. The door cracked open and

the woman adjusted her glasses. "May I help you?"

"Miss Sadie, it's me, Melissa."

"I-I," she'd stuttered. "I don't remember," she said and shut the door. I heard crying. I rang the door again and she screamed, "Please leave!" in a scared, confused voice.

I went home bewildered and my mother told me to stop bothering Miss Sadie. I said I wasn't bothering her. Mama said, "Miss Johnson has a disease. Alzheimer's disease. It makes her forget things... people, family even. And so, I don't want you over there anymore, you hear?"

Then, I didn't realize or comprehend, how someone so special to you could forget your own existence when you'd shared a summer so special and vivid in your mind.

That Christmas I went to bring Miss Johnson cookies. She wasn't there. I learned from a family member that she was in the hospital and that she'd die very soon. As the woman, a daughter maybe, spoke, my heart broke.

"Well, you make sure she gets those cookies," I said, my voice cracking and tears welling in my eyes.

Today, I've learned to love old people. For their innocence, for their knowledge. I've learned to always treat people with kindness, no matter how cruel they may seem. But mainly, I've learned, that you must cherish the time spent with a person. And memories are very valuable. Because Miss Sadie no longer sits in her rocking chair on her porch on summer days. I'm glad that I can still see her.

Student Sample: Grade 10, Informative/Explanatory

This essay was produced for an on-demand assessment. Students were told to write about a character in a work of literature whose pride or selfishness creates problems. The abbreviated time frame of the assessment situation (and the consequent lack of opportunity to revise) explains the absence of information and quotations from researched sources and perhaps the occasional spelling errors as well.

Animal Farm

In the novel, Animal Farm, by George Orwell, there is one very particular character whose pride and selfishness creates problems. This character had just merely good ideas in the beginning. However, as time went on, his true self-interest began to shine through. This character started a free republic of animals and turned it into a plantation that used animals as slaves. He never did have enough and always wanted more, regardless of the price that others had to pay. This character whose pride and selfishness creates problems, is none other than the great leader of Animal Farm himself, comrade Napoleon [Napoleon], the pig.

Comrade Napoleon is a powerful authority on Animal Farm. In fact he is the leader of Animal Farm and a high strung leader at that. After Old Major died, Napoleon lived upon Old Major's ideas. Napoleon lead all the animals to rebellion so that Manor Farm ceized to exist, and Animal Farm was born. In the first year, he even worked the fields and helped bring in their biggest harvest ever. Little did the animals know, but he would soon change. Eventually the animals started receiving less food because Napoleon needed more food to power his "large" brain. Later, he goes and runs off his successor, Snowball, so he can have the whole farm to himself. Then he stopped working the fields. He started taking young animals and selling them or using them for his own use. He stopped sleeping in the hay and slept in the farm house instead. Finally, he took away half the grain fields so he could plant barely to make himself beer. This Napoleon was a power hungry, selfish individual for sure.

Being power hungry, always causes problems, and boy did Napoleon cause problems. The animals had received so little food that many were starving, you could see their bones, and some even died of starvation. Nopoleans's lack of work meant the animals had to work harder, and it wasn't easy on an empty stomach. Many animals would break their legs or hoofs but would continue to work. The lack of new workers due to Napoleon's selling them off, meant that nobody could retire, and one old animal even died in the fields. Snowball was a great teacher for the animals, and now that he was gone, they lacked education. Then with finally only half of the fields being productive for food, the animals starved even more and worked harder to make beer that they never saw. Not to mention that they had to sleep on a dirt floor while the lazy Napoleon slept in his nice comfortable bed. His selfishness had deffinately created problems.

Napoleon's experience had changed the farm drastically. He thought things were getting better while the animals knew they were only getting worse. After the rebellion, many humans disliked Animal Farm and the animals disliked humans. Nopoleans's selfish ways were much like those of a farmer. So eventually as Napoleon became more "human," the town's people began to like him. Napoleon could care less about his animals, just so long as he was on good terms with the humans. By the novel's end, Napoleon is great friends with every human in town. However, his animal slaves are no longer happy as they once were. They still hate humans which means now, they hate Napoleon. So due to Napoleon's pride, the story has changed its ways from start to finish. He has turned friends into foe and foe into friends, but at great cost.

In the novel, Animal Farm, by George Orwell, Comrade Napoleon is a character whose pride and selfishness creates problems. The starving animals have suffered greatly because of their leader's pride. On the other hand, Napoleon has gained great success through his selfishness. Unfortunately, that's just the way it is. You can't have pride without problems. Even if they are little problems, it's still due to pride. Now, if Napoleon had pride in his farm rather than in himself, well then maybe the humans would've hated him, but he'd still has his true friends of four legs. However, he chose to follow a different path and he burned those bridges along the way. So for now, Comrade Napoleon's pride and selfishness has created problems for the animals, but someday, it will create problems for himself.

Student Sample: Grade 11, Informative/Explanatory

The essay that follows was written in response to an extra credit assignment in an anatomy and physiology class. Students were asked to summarize key points about a topic from given information and from their own research on the Internet and to explain how the topic was relevant to their future. A list of sources was not required in the assignment.

Summary of Key Points

For many years, scientists and researchers weren't able to examine normal, healthy brains. They only got brain data from autopsies and surgeries. Even so, they were able to learn a lot about how the brain functioned because when people suffered brain damage to parts of the brain, they could see what functions were impaired and know the parts of the brain that were responsible for that function. MRI technology has changed that because now scientists can examine healthy brains at all stages of development, including getting functional results that show areas of the brain that "light up" while performing tasks. Therefore, scientists are now able to measure how the brain works.

95% of the brain has been formed by age 6, but through MRI studies researchers now know that changes in the brain structure continue to occur late in child development. The prefrontal cortex has a growth spurt just before puberty and then prunes back in adolescence. This part of the brain is responsible for reasoning, controlling impulses, and making judgments. The growth and pruning is a very important stage of brain development, so when this second wave is happening teen's activities can affect how their brain responds for the rest of their lives.

Researchers have found waves of growth and change in other parts of the brain as well, including the corpus callosum and the cerebellum. The corpus callosum influences language learning, and the cerebellum helps physical coordination and is also used to process mental tasks and higher thought such as math, philosophy, decision-making, etc.

This recent research has confirmed what scientists have known for many years . . . that different parts of the brain mature at different times. However, the brain is much more changeable than previously thought, with structural changes taking place into adolescence and beyond. Knowing more about the brain's structure is only one piece of the puzzle. Much more research is needed to draw conclusions about how the brain structure and function directly cause behavior.

Conclusion:

MRI technology has enabled researchers to learn much more about the brain's growth and development. They have learned that parts of the brain, such as the pre-frontal cortex, an area of the brain that controls reasoning and judgment, goes through a second growth spurt just before puberty, and that this helps to explain why teenagers begin to have more control over their impulses and are able to make better judgments. Additionally, scientists have been able to confirm that some brain characteristics are genetic, and others are affected by environmental factors. Confirming that different parts of the brain mature at different times and that the brain has structural changes through adolescence is very important, but there is a great deal more research that needs to be done to learn about how brain structure and function relate to behavior.

How is this article relevant to my future?

Knowing more about the brain and how it influences behavior will have a major impact on how children and teenagers are raised and educated. For example, one of the researchers, Giedd believed that the growth and pruning can happen at a time of brain development when the actions of teenagers can affect them the rest of their lives, his "use it or lose it principle." This is the time when music or academic development could be "hardwired." This theory puts more emphasis on parents to make sure their teens have the right focus and guidance. Most parents already believe in a basic approach to raising and educating their children, but this research could lead to a very specific timetable and a do and don't guide to child development, making sure that their child is exposed to the appropriate factors at the right time.