

Grass Valley Charter School is a K-8 School located in downfown Grass Valley. Our school is an Expeditionary Learning School, which means that we study a topic for a long time to beam everyfiling we can about it. This year my third and fourth grade crew decided to study food and water, ow see part at lot of time visiting and learning about Rivehill Farm. We loved every initiate of our time at the farm, and we created this Children's Guide to Rivehill Farm to that other lids when with the farm could be earn about it and learn to appreciable It like we have.

We hope you will enjoy reading about some of the things you might find at the farm.

We also hope you will have fun coloring our drawings and the pictures we drew of ourselves.

If you purchased this guide at a farmers market, then the proceeds from the sale of the guide will go to help low income families and children get boxes of fresh produce from the farm.

If you would like more copies of our guide, you can contact us at Grass Valley Charter School by visiting our website, grassvalleycharter.org or emailing me at merrylynn@gmail.com

Merry Byles-Daly



About Riverbill Farm, by Alvae

Rivertill Farm is an emazing place, full of widdlie. They have all kirds of plants, and more animals than you would expect. Yes, Alan and Jo have two dops, Simon and Spike, but there are also wild duzks, tons of reptors and sceptifies, and even a fing in the homerande outlouse. They have appear studies and Russian Honeybees. Alan and Jo also have 7,000 onloss and thousands of crop plants, including beets, leiture, formatices, chard, carrots, cabbage, broccoli, strawberries, peaches,

Riverbill is always peaceful and something is always happening, even at night. But despite that, it is nev quiet (unless Allan is running the tractor). It is always beaufful at Riverbill. In the spring, birds are chipping, the flowers are always blooming, and it is fix the two word is being reborn. The beneficial insects are out, and if you sit in front of the tool shed and be completely islent, you can hear the been't wings buzzing. Spring is the time of beauty at

In the summer, the fruits and vegetables are ripe and a few flowers are still out. The baby animats are all grown up and the bees are still polinating. The sun is very hot, but the sunflowers and trees give nice, cool shade. Summer is the time of labor at Riverbill.

In the fall, the trees' leaves turn red, orange, yellow, and brown, and dangle from the twigs until they break off and float to the ground. Autumn vegetables grow and bees are scarce. Fall is the time of peace at Riverhill.

Whiter at Riverhill brings cold winds and blows the farm's wegetables,

animals, and leaves from the trees of the farm. The air is chilled and everything is gone. Winter steals the farm's insects and leaves a trail of snowfall. Yet inside the cozy house, Alan and Jo are happy and warm. Winter is the time of rest at Riverhill.

After winter, spring comes again and Alan and Jo plant all of their seeds and the cycle starts over. The world is reborn. And Riverhill farm is truly a

magical place.



Riverhill Farm History by Samantha 3rd Grade

Behavior Same was not about on the load it is no new. In the 1500's as it is instance, and the load of the end of the loads in the loads are in 2001. Even before In taillant fately, Marke Amenicans used by the them. How do we show? We found grinding official? Then Asian and do became farmers became they love relative formers. In the load of the load of

also need electry of shade and sun. Riverhill Form has smart and throughtful ways of

Riverbil Farm pactness with many local restauration by selfing organic heads produce to them. One of my personal forcitor breakfast from personal forcitor breakfast from make desicous genode that come from Reventil Farmir selfin produce. Rat's Clearful Farmir selfin produce. Rat's Clearful Farmir selfin produce. Rat's Clearful Farmir selfin produce. Take the produce from the pr

raising plants



calls his uppostables and find in at and stands, markets, and the C.S.A. (Community Supported Agricultura) Local formar's markets sell not only Biverhill Form's produce but other emaller and bioner forms' prockups Riverhill Farm's CSA means people come there and trade their money in the winter for hoves of produce all soring and summer lenn They observer unbefores fruits and uscetables were grown that particular week Bhachill Farm really reaches out to the mmunity by helping people with good beathy food





About Bees

There are three parts to a bee: the head, the thorax, and the abdomen. Other animats know they can sting so they go away and leave bees above. Other bugs try to look like them so they don't get sitled. Queen and drone bees fly higher than other bees, but you do not see them as much, and they heads leave the high.

Drones are the only boys in the hive.
Girl brees dance to sell other bees there
are the sell of the property of the sell of th

Queens and Drones
The queen and drone bees almost
never leave the hive and fly like other
bees. The drones get sicked out of
the hive is winter and die. The sister
bees don't feed them and then they
die. The drones male with the queen.
The queen lays ower 2,000 eggs.

A queen lays an ogin a wax call. On the first day the egg is a straight. On the second day the egg one as straight. On the second day the egg one as the egg



Beneficial Insects by Oliver, 3rd Grade







Insect Bodies Eggs are like beetles because they're hard on the outside and soft on the inside.

hard on the outside and soft on the inside. An adult can't grow any larger because of their skeletal structure. Caterpillars can climb because of suction cups on their feet. Some bugs have stingers, mandibles, and wings for escape or to fight.

Predatory Mites A predatory mite looks like a red pear with six as It's the red itsy bitsy spider... NOT! This

legs. It is the red itsy bitsy spider... NOT! This harmies soloids bug will set every peet in your garden. They're one bug no pest wants to mess with. A predatory mits will set any bad bug that hurst the garden. A predatory mite is almost at the top of the list for farmers' helpers.



Another example of a beneficial insect is a lacewing, which

pollinates and eats peats. A lacewing is one inch long, has mandibles and four bip clear wings. It is a buy that pollinates, takes pollen from plants and spreads it all over the farm, which helps the crop. An april deats crops and a lacewing eats aphids, which saves the crop. If there were no beneficial insects

Beneficial Insects by Lukas, 3rd grade

Ladybugs
There are 5,000 different species of ladybugs
in the world. They eat aphids and other planteating pests. One ladybug can eat up to 5,000
insects in its lifetime. Ladybugs are most active
from Speina until Fall.

As ladybugs age the color of their spots fade. They are also known as lady beetles or lady bird beetles. If you touch a ladybug they will fly away but if you let them crawl on you they will stay. Ladybugs fly from leaf to leaf until they find abhids or other cests. As you can see ladybugs

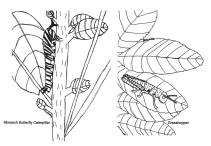
belo the farm

Praying Mantis

Praying martiese are Carrivores eating mainly insects. Martines also eat tegislers, flogs, Ezerol, and even small brids. Martinis short lega have spines to help catch their front experience of the property of the property of their first experience of the experience of the experience of asince the experience of the experience of the experience asince the experience of the experience of the experience flower than the experience of the experience they have next. You can buy praying martinese egg cases because egg cases because the insects come to the farm. Alan and Jo vectorme praying martinese because they eat insects that fund copies. A you can see, martische fair the farm fall and fair copies. A you can see, martische fair the farm fall of fair copies. A you can see, martische fair the farm fall of the experience Predators for Insects
Some people use pesticides to kill bad
insects, but it also kils good insects. Nature
has many different natural pesticides. One
natural pesticide is pyrethrum, which comes
from flowers. It kils only certain insects,
which are leaf hoppers, thrips, files, sphids,
and other fyling insects. Bilds are always
trying to find insects to eat. Many bugs work
at night or they use stay under leaves.



Problem Insects at Riverhill Farm By Alexandra 3rd Grade



Anhide and Grasehonners

There are many officered harmful insects to farms. But, if I just tell you about her of them supplies and grant-leposit. They plot shafe the farms, supplied and grant-leposit. They plot shafe the farms, ret in different ways. But, I have join too it for one reason: they are hangy; If I sell you about applies fair shafes are howen to large war hangy; I sell you about applies fair they applies are fair shafes are howen to the plot and they are the plot and they are they are the plot and they are they are they are the plot and in a closely. They have different tastes then humans. Personally, I would have closen pizzs. They have sell to close the plot and in a closely and the plot of the size of the plot and they are off to district close to be great, failed, and even pix. They have different can be great, failed, and even pix. They have different can be great, failed, and even pix. They have and pursually even and pursually even to common productor for insches a closely and the most common productor for insches a closely and the most common productor for insches a color shad conferdit and closely and the most common productor for insches a closely and the most common productor for insches a color shad conferdit and closely that the most common productor for insches a color shad conferdit and costs. There are pettern in the conference of the co

More About Grasshoppers Now I'll tell you a little bit about grasshoppers. A grasshopper is a

preen or brown insect that is harmful to plante. Sometimes this can be beloful, but now it is not Grasshonners are esting the food! Granthoppers are tuting the root on the plants. Oh, its time to jump! Grasshonners use large springy hind loos that can catacult them mean from their crime scene But some predators like biote. Exercise mice, and praying mantises might catch it! So now you know a hit about some criminals for plants although granthonners are not really a his problem at Riverbill Farm There are too many birds!

How do Earwigs and Caterpillars Affect Farms? Harmful insects can hurt the plants on

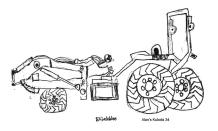
rammot insects can find use plants and measily bugs are some of the most common. Earwigs get their reputation by eating small notes in the loster of their special some ligger and stronger plants can tolerate it, but smaller weaker plants can tolerate that their special special special special have to deferred themselves screenbow, so they use pincers for that purpose. The plants at Reventil Farm are healthy and

bio problem

Caterplians chomp almost the whole leaf of a plant instead of eating tiry holes in the leaf. While they're still in caterplian form, they have three body parts: a head, a middle section, and an abdomen. Caterplians eat their fill from leaves all over Riverhill Farm and then they start to on their coopen journey.

Are you wondering what a cooon journey is?
Of course cateppilses have to hatch from something. What does a caterpilar become when it comes out of its coocon? That's right, a butterfly, So a caterpilar hatches from a butterfly's eag. However, they are not a big problem at Riverhill Farm because there are too many predators that eat them.

Tractors by Elijablue 3rd Grade



The first tractor was made in the 19th century. They were like steam engines on wheels for working on the farm. Around 1950, may tractors with more efficient

wheels were used on farms.
In 1892, John Froehlich invented the first

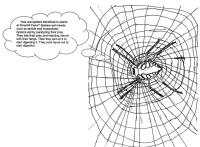
Two of these tractors would plow side by side because the lengths of the plows were not big enough for one tractor to plow the At River Hill Farm Alan uses a Kubota 34 hospower tractor and was built in 2000 this tractor helps Adm in many ways. His Kubota has no cab and is open at the top. It has a frontiend bocket that is basically a bucket in the front. This can be used for many purposes Bis moving place of fettilizer, gravel, and more. This tractor is

Until 1500 jobus and other famining outpirement were always standed to the tractory by a drawlar. The familitional darw bar is a steel connected to the fractor. The hight of the attachment or imprehensive two discharges the stander of the stande

Draw here are a really interesting subject.



Do You Know What a Phidippius Audax Is? by Eli, $3^{\text{rd}}\,\text{grade}$



Acors Woodneskers If you go up to sit in the shade of the big oak trees on the

form you might see accommodisackers. This bird is found a lot in the west. In parks and towns this bird is most common in oak acom woodpecker drills holes and stores its acoms. This bird

It has white wino natches and a black back and chest. It has a velicwish to white throat. It has a black stripe around the eve and

Steller's Java are most common in the forest. They also five

in public areas like camparounds, parklands, and your hariward. They on for hirdfeeders and stray picnic food. If you see paseby you will have their bareh, hold calls. Sometimes they mirnic the sounds of hawks. It is easy to identify them because of their rich black and blue order and the winns shimmer a little

These birds are vary intelligent! They spend their time flying over the forest canoov with patient wing beats. They have long they get really close and try to steel your food. Steller's laws are very fun to see!

> The scrub lay is a little bit blooer than the Stellar's jay. The scrub jay has a longer tail and rounded winos. The sides of the head are deep around the eye and dark ear covers. Their breast also has white and gray. They have a dark hive

House Finch These hints are vary small The orbids have a source timed brown toil a brown back, and cray on the wings. These birds have long beaks and a small The eggs are gate bluish green and a glossy smooth surface with few black At Riverhill Farm, you can see house finches, easily by looking at the bird

fearier or the sunfowers

Two types of spiders common in California are Black and yellow garden spiders and jumping spiders. Black and yellow garden spider garden spider lives garden spider jumping spiders, and televen slems of plants. They can then't see the see that they can be seen to the spiders of plants. They are most active in the work of the spiders of

Phidippius audax is a common type of jumping spider. They do not build webs but they do have eily. They use the silk to build domes for shelter and traveling. They are known for their spectacular leans. The leans on useful for hunting. They stalk their prey and leap on too of them. Then they bite and inject venom to paratyze them for eating. They possess eight eyes and are known for the sharnest vision of all spiders, which helps with located on their faces. They are the sharpest. The others are on the top of their heads. They are used for seeing things that will attack from above.

The wolf spider is a spider that bunte on the around and does not build webs. Some wolf spiders bust in the day time and others hunt at night. The ones that hunt at night rest during the day. They have six eyes. The eyes are placed in a diagonal line with thee eves on each side. Wolf spiders carry their egg sacks on their back when they hunt. When the young hatch the mother carries they everywhere on her abdomen. Wolf spiders live everywhere in the world except the Arctic. Look for walf spiders in holes or running around on the ground at Riverhill Far . They don't build webs.





Snakes on the Farm by Parker, 3rd grade



The Goober Snake

Alan and Jo saw a gopher snake crawling up the post to a bluebird house. They saw the

Oppher nusines use gentle and thay don't have veron. They are pay to Red-balled Hearts, KR Flores, and Copulse. If in darger they still the an intermed by blassing and fallowing bein head. The fission jace the same sound an antitisensative notice. They are good at essimiting, chainles, and diging browns. These are be offerent phase of being from a Gepter Stake. There is the tribe bits and the feeding bits. This loss when an anales will do a sithe bits, when they has and fafters their heads. They quality live in the burrows in greated as and in bushes. They between its vivite and stall. They can be 50 direct lorder long. And it amonths, bits long, prince, buspapers and propties ground prices long, and the armanish, bits long, prince, buspapers and propties ground the stall of the stall the stall of the st

The Garter Snake

The garbier revalue enth stage, lesectives, fish, forces, Eszards, scalates, boiles, relocia, and Isabs. You can see why file highed to have them on a less. Garbier scalates filed, but flyery word first you. The convening partier ration have from a first entire on its basic. The stage of th

Western King Snake Another one of the snakes you might see at F

Western King StrakeKing stables can prove 3 to 4 feet forcy. They each other stanked in They're not very disregards because they don't have very common to control they don't have very common to the stable stable



Flowers on Riverhill Farm by Alyse, 4th Grade



Flowers at Riverbill

There are many types of flowers on Riverhill Farm, and they can be found almost anywhere on the farm. Purple
Verbers is one of my favorities. These are delightful title bunches of small purple flowers. One bunch is on a stalk and a
feast two smaller state learnch of of the main one. Each one walls has another smaller bunch of flowers. The stalks and a
get to be sinches tall and 3 for 4 long! Verbens likes pertial shade or full sun. One good thing about Purple Verbens is
that it attracts idustriels.

The process of some in a zonia. These flowers are extremely beautiful, and love them. They stand up to be about 3.ft. it. Zimia is of non on bick, its met with big levers. Many prests denice around the middle, a ratin find of yellow disk. Rowers. Bees land on these and extract polin and nectia from them. In the middle, when the flower disc out, the seeds from Zimias are magnificent because of their colors. They can be a multi-cloud flower or past one said color in every

shade except blue. Zimins bloom in June through September and like full sex.

Those are just be not for the Severe size laws (Finetial Residue) to homerfacial lessods and make it beautiful you can usually harvest seeds from the Severe at Reventil to have seeds for mer Severe. Here is live to harvest usually harvest seeds from the Severe at Reventil to have seeds for mer Severe. Here is live to the residue of the severe at the usually severe at the severe at the severe seed for mer Severe. Here is live to the severe at the usual severe at the severe at the severe seed for mer Severe. Here is live to the severe at the severe seed for the severe at the severe seed for the severe at the severe at

Our class not to harvest zincia seeds at Riverbill Farm, and we are growing zinnias in our classroom.



Sunflower

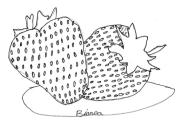
Sunflowers
The sunflowers at Riverhill were planted to attract birds. The birds come
for the seeds and they end up eating the harmful insects. Alan and Jo like
the sunflowers because in the fall all the birds come and they just love
watching the birds eat the seeds. Some sunflowers are dollo. One of them

watching the birds eat the seeds. Sor is called the Jerusalem artichoke.

There are 67 energies of surfaces.

There are 67 species of surflowers. 40 of them live in the Rockies. Common Surflowers can grow to be 12 tall but the average surflower grows to 2 to 6" tall. Surflowers love the sun so much that heads follow it wherever if goes in the disptime. They also like grasslands and meadows so they can see the sun at all times. Surflowers are actually wildflowers.

Strawberries and Weather By Bianca 3rd Grade



How Weather and Seasons Affect Strawberries It is good to start growing strawberries in the spring in the spring of the start growing strawberries in the spring was spring to good. In the winter the plants sleep and they aren't growing. In the spring when the weather is warmer the plant grows a flower and then the bees visit and collect the pollen. In the summer, strawberries get in the spring was the spring and the farmer workers put then in boxes and go to

How Strawberries Grow

Strawberries have roots that are white with little hairs that help them collect water and minerals to feed the plants. When they grow out from the ground the leaves start to use the surright to make food for the plants. Then they want to hidem. When they become they

Then they want to bloom. When they bloom, they have little white flowers with orange in the middle. The insects like bumble bees like to collect pollen for them to bridge to their hives. All Riverhill Farm you cam come and plick your own strawberries when you pick up your box of vegetables. You might have to pop one or two of them in your most when you are picking them?



orner stock. In the unwestern was reasonable to include the property of the pr

The foothills have four seasons. Summer starts in June. Fell starts in September. Whiter starts in December. Spring starts in March. But sometimes it halls in June. Hall sometimes havts the plants because it can freeze and it can get

nates in value. Here isomeomes must true plaintile because it can freeze and it can get to hard that it may be plaint. If the sun is tool toot it can turn the plaints. Weather the relation of the sun is too the sun is too took it can turn the plaints. Weather the relate on the NLD, water to linguish his term, in the footbills it is known as one of the originates where there are seasones. Some plaints made this seasons to live. Fermen work hard to make sure that they give the plaints the right amount of view. And they executive the relation to the relation to the plaints the right amount of view. And they executive the relation to view. And they executive the relation to the rel

Spring Vegetables by Sebastian 3rd Grade



Spring Vegetables



Soil gives substance for vegetables to grow in. It also lets it get the air, water, and nutrients it needs. To start a compost pile is easy. All you have to do is dig a hole and throw in your lettover fruits and vegetables. The only thing that's bad about compost piles is how they smelt' nei.

Vegetables at Riverhill Farm by Hazel, 3rd Grade



There are lots of vegetables that can be harvested in late Summer. Squash, tomatoes, cocumber, basil, okra, peas and many others are harvested in late Summer. In the Fall we can harvest Cabbage, Brussets Sprouts, Broccoli, Endive, Caulflower, Onions, and of ocurse Pureption.

Cauliflower, Onions, and of course Pumpkins.

At River Hill Farm they have many kinds of potatoes.
Two of them are Yukon Gold and Fingerling potatoes, Yukon
Gold Potatoes are golden in the inside and brownish on the
outside, Fingerlings are kind of a red crange color. There are
lost of different kinds of potatoes that grow all over the

How To Grow Cabbage At River Hill they have great cabbages. I

saw them myseff. Early catebages like light dist on.

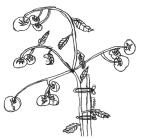
Oil, Fall cabages like heavy damp ool. Fall the cabbage seeds 14 to 1/2 herbs deep, Transplant to achbage seeds 14 to 1/2 herbs deep, Transplant to the cabbage plants 10 to 11 inches sept. On his her cabbage plants 10 to 11 inches sept. On his herbs deep, Transplant of the cabbage plants 10 to 11 inches 10 inches 11 inch



harvest postates in side Gummer. All of plasma can start from seed, Some plants don't need to hough. Like politions, they grow from these brings called buters. They have sporuls that are called vijes. You can plant stope of ploots with years in and any gover, filterating grows 10 start of the plant stope of ploots with years and the plant of the Butterball, Purple Video, Red Thumb, and Kennebbe. If you went to throw a good crop the polition should be built all the way. After you plant the politions that you go built on the plant of the house politic than these and levens. The list stage is growing forming polit. These there and levens. The list stage is growing from your form the sent and levens. The list stage is growing from your form the sent and levens. The list stage is growing from your form the sent and levens. The list stage is growing from your form the sent and levens. The list stage is growing from your form the sent and levens. The list stage is growing from your form the sent and levens. The list stage is growing from the list of the list of



Cherry Tomatoes By Azrael, 4th grade



Some Summer Vegetables

Tomatoes

At Riverhill Farm they plant about 3,000 tomato plants a year. That's a lot of tomatoes! Tomatoes can be different sizes, some small, others big, and they can be different colors too. Some are red. some are grange or even vellow! One kind of tomato is the cherry tomato. It got its name because it is the size of a cherry. A cherry tomato is bright red, orange or vellow. They are small, but known to grow in clusters on a

single branch. A cherry tomato seed is smaller than a regular tomato seed. They both grow the same way. A cherry tomato plant is big, but it grows small tomatoes. Isn't that woird? A fascinating fact is that a single branch can grow more than 6 tomatoes! If some tomatoes didn't

have time to ripen, you could put them in a sunny spot to ripen up. At Riverhill Farm they let kids pick and eat the cherry tomatoes right off of the vine. Yuml



Peas are realy good freshly picked from the plant. So if you want to plant peas make 2 inch deep rows and plant the seeds. Water after a while and then just watch them grow. Then when ready pick a pod and tastel

Carrote

Carrots are easy to plant. First you make 1/2 inch deep rows. Then you plant the seeds. After a while you can water them. Then just watch them grow. See the cycle. When your carrots are ready, you can harvest them wash them off, and eat them, or you can save them and cook them in a dish. When carrots are fresh from the around at Riverbill Farm, they taste sweet and crunchy. They are a popular item at the farm stand. You have to get there early if you want those carrots



Herbs At Riverhill Farm by Irish, 3rd Grade



There are loss of herba like mint, dill, basil, rosemary, sage and isvender at Rivechill Farm. Some herbs are for medicine and calming down like are for medicine and calming down like lavender. Culimary herbs are for cooking. Aromatic herbs are not as popular for growing as cooking herbs but the bees love them! Omamental herbs are very colorful. Some herbs have healing properties. Medicinal herbs have to be used very carefully.

Herbs cam be used to make gifts. Some people weave lavender stems to make people weave lavender stems to make into lavender stems of make the people was a stem of the lavender plant (so. The blossoms of the lavender plant can be dried and put find seached bags. In some gift stores, there are bundles of dried sage. These are used to smudgh nouses. Smudghing means the sage is fit until it anothers, and then the smoke is summade to be clear of things that were baid.

Herbs can be annuals, perennials, or biennials. Herbs seeds are very tiny. When you're done leveling out the soil, very lightly sprinkle on the seeds. Cover with soil.



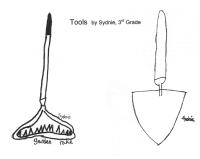
What does soil do for Riverhill Farm? By Audrey 4th grade



Soil is very height to the time. We evaluat the wholes cell if their is a left foot give, so that we can set it it Soil is made when it sides, they rooks, minerals, and leaves join up, 50 cli can also be mad, because much a well off and drist is soil. when it is soil in a second to the soil can also be mad, because much a well off and drist is soil. when it is soil in a second to the soi

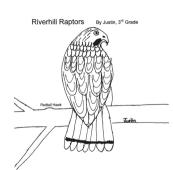
Rharhill Farm can work with nakes to build good soil by making good compost, which makes good soil. Another way Farmer Alan makes good soil. Another way Farmer Alan makes good soil is by planting cover crops. Cover crops are good to the control of the control o











Did you know that reptors build their nest at River Hill Farm? Most reptors build their nests in the logs of lees so other animals can't get to their ballets. To make a nest they have to have an ease by enough areas to put offer rest in. The rest has to be the groupf for the ballets, as motion, and advoic ballets. If any end to the put of the rest in the set of the put of the state of the put of the set of the set

Redtall Hawks

Redail hawks are seesons. Redail hawks sashly live in Nerth Arenica. They live in the valleys, list lands, and moratins. They are seen receipt on trees or or utility poles. Red tailed hawks are large. They have a dark color on top and a light color on the bottom. Their wings are 19 inches wide 48 inches long. Their incrude foods are rodeles, small mammals, bids, repilles, amphibliums, and insects. To call each other they have a sharp, rashy scream. They hep Tolerahl Farm because they edit things



Red Shouldered Hawks

Recent Dut you show there was excl-doublered hashs at Recent Dut you have there was excluded the recent part of management of the recent part of the recent part of the searant phanks because it likes to go be fields and at let get to example not be the part of the recent part of the they see comething to eat they stack it and gock tag with they see comething to eat they stack it and gock tag with their usings is 16 inches wide and 40 inches long. Their facerotie focks are marrinade, replies, amphibians, insects, and small brids. Their call is very boot. They call several there if they're is diregal or if they find foot. They notify there is they not diregal or if they find foot. They notify the second part of the part of







Parts of a tree

Laives get food and water for the tree especially when it rians. Leaves also let out air to make room for the food and water. Buds grow flowers and leaves. Stems are affacthed to the branch that an and delivers it to the branch that and delivers it to the branch that be set to the branch that the set of the branch that the set of the branch that the set of the branch that the branch takes them to the trunk and into the bark. The bark carries water up the trunk to the leaves. The center of the tree is called the hearthcool. If helps the tree stand

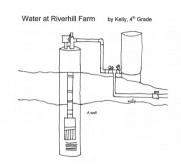
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On the variety of the term of the carm of

Why are trees good for the Farm Most people love trees because of shade, fruit, or nature. It depends on the

shade, fruit, or nature. It depends on the type of tree. Trees are good for the farm because they make the soil more soft so other plants can have more roots. Trees are also good for the farm because they provide oxygen and make the farm more beautiful. Trees help the farm by providing air for the other plants.





Riverbill's Water Supply

Rivedhill Farm gots its water primarily from a well, which is located at the bottom of a lift. They prump from a during the edge is reflected to the design being dies for lift with the grid own from its count of grid to die. A well is a reached own more farmed and a set of the second of the design of the desi

Riverhill's Water Stewardship

The water that Rivarhill uses needs to be cleamed scenebow, of the off and selectiment that pipels up scenebow, of the off and selectiment that pipels up water coving off the fields fit loss life a pond, then a manuly area. These alone down the water so the diff and selectiment seeling out. This makes it so the diff and selectiment seeling out. This makes it so the diff and selectiment seeling out. This makes it so the diff and selectiment seeling out. This makes it so the diff and selectiment selection selection seeling the selection selec

Irrigation Getting the water to your plants is an important part of farming. Riverhill Farm

mainty uses ofto Irrigation. Drip Irrigation is a network of plastic busing that has different types of attachments that apply the water to the plants. Some will drip the water to on to the bases of the plants, while others will usually set on a first poly of the plants at a cortain time each day, but Riverhill docent a first poly the plants at a cortain time each day, but Riverhill docent use times because the farmers are there to turn the water on and off at the right times. Drip is good for small



Riverhill Farm Interns by Fiona, 4th Grade



Form interes are possible who wich on a form, wight more in going to leaf you cannot focus about between the work on the Privall's interest whose possible privalle may be a proper of the proper of t

> At Riverbill Farm there were 7 Interns in 2010 and most of them came from all over California. Only one of the Interns came from Nevada County. Riverbill Farm has inspired me to be an Intern when I grow up.

How Long if Takes to be a Intern New Internal usuably learn to Intern by weatching the Internal United States of Internal United States of Internal States of Internal United States of Internal whole year to learn all the techniques of farming. Internal become internal because they want to have a farm of their own in their home town. At Reventil Farm most of the internal internal representations of Internal United States of Internal Internal Reventile Tarm We in what once was the barn, but is now a burk house. They don't make as much money as the Internal Reventile Internal United States of Internal United States (e.g., and Biny, are descripting here to fame, to Internal United States of Internal United States of Internal United States of Internal United States of Internal United States (e.g., and Biny, are descripting here to fame). Did you know that Alan and Jo grow over 30 kinds of vegetables? Here is a place where you can draw some of your favorite vegetables or fruits, or even some critters you see on the farm.