

# The Lakeside Voice

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Colchester High School

Colchester, VT 05446

## Are schools starting too early?

by Olivia Rosato

Not getting enough sleep before morning classes is very common among adolescents between the ages of thirteen and eighteen. It raises many health concerns and impacts the students' academic performances. Extreme tiredness and fatigue are known to cause low levels of motivation and the ability to pay attention diminishes as a result of classes starting too early in the morning for middle and high school students.

As an adolescent goes through puberty they tend to start feeling sleepy later in the night, and, as a result, this causes the time their body wants to wake up to later in the morning. This is a result of changes in biological rhythms and sleep-wake schedules combined with poor sleep habits.

According to Center for Disease Control, "The combination of late bedtimes and early school start times results in most adolescents not getting enough sleep."

Schools began starting earlier due to developers neglecting to build schools in central areas as a result of the 'Suburban Sprawl' in the 60's and 70's, according to Citylab. Schools were being built on peripheral and inexpensive land that made walking to school difficult and dangerous. So, school administration decided to start schools earlier due to strict busing schedules.

Youth's mental and physical health needs are more important than bus schedules, which is why people are pushing for later start times. According to Citylab, the bodies of adolescents going through puberty start producing the hormone melatonin at approximately 11 PM. This means that teens do not start feeling sleepy until 11. The production of this hormone doesn't halt until approximately 8 AM. With schools starting as early as 7 AM, a full hour before the teenage body stops needing sleep, this results in a high risk

of sleep deprivation in middle and high school students.

According to a study conducted by the School Health Policies and Practices in 2014, 93% of high schools and 83% of middle schools in the United States began classes before 8:30 AM. The percent of schools starting earlier than the recommended start time typically depended on the state. For example, no schools in Hawaii, Mississippi and Wyoming started at the suggested start time of 8:30, while 78% of schools in North Dakota and 76% of schools in Alaska did.

There are two ways to solve this problem that should be used in conjunction with each other. The first solution is parents removing devices from the bedroom when it's time to go to sleep. It is known that the use of electronics is also a factor in many adults, not just adolescents, experiencing some level of sleep deprivation. However, this is not a 100% reliable solution which is another reason why starting school a little later in the morning, solution #2, needs to come into play.

The American Academy of Sleep Medication recommends that middle and high schools should be starting no earlier than 8:30, and that adolescents between the ages of 13 and 18 should be getting at least 8-10 hours of sleep to maximize academic performances.

Adolescents experiencing sleep deprivation are more likely to be at risk of depression, drinking, smoking or using illegal substances. Fatigue extinguishes motivation, which causes students to be more likely to perform poorly in school and not engage in daily activities. A solution is to educate parents and school board members on the risks of starting school so early and push to get a later start time approved.



Photo by Olivia Rosato

Many early morning students are unable to stay focused because of the early start time.

## Winter driving

### Safe driving tips for Vermont's winter months

by Michael Spillane

With the welcoming of the new year, many are enjoying the Vermont winter. But, with Vermont winters, driving the roads become more of a hazard for drivers. As the state is being covered with snow and ice that skiers and snowboarders love, the snow and ice also make the roads in the state much more dangerous to drive.

Driving in the snow can be dangerous, but if drivers follow certain guidelines they can be much safer.

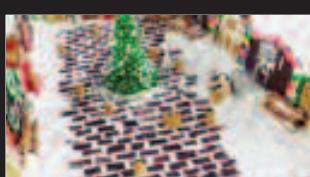
A good pair of snow or all season tires will help to reduce chances of sliding and losing control; studded tires are also a great option. Although these tires can be expensive, they will give a car more traction, and can help to make one safer.

Along with having proper tires on a car, while driving in the winter drivers should always have certain safety items in the car. Such items include a snow brush, jumper

cables, a first aid kit, de-icer, and a shovel. These emergency items can help drivers if they get stuck, the car won't start, or if they get into an accident. Although these items can be expensive, they can be very helpful when drivers get caught in a bad situation, so these items are essential for safe driving during the winter months. As long as drivers don't speed and take certain precautions, winter driving can be safe.



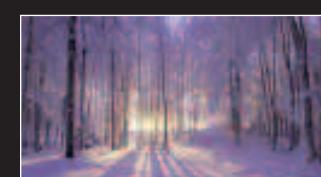
Senior Brayden Duggan maneuvers his Cherokee in Vermont's January weather.



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# The dead walk again

by Nicholas Douglas

The Walking Dead has exploded since the release of the show on AMC in 2010, when the pilot episode came out and blew people away. Ever since, the show has been one of the most popular tv shows in history.

The first season caught the eye of a lot of people, especially the comic book readers. At the time, Walking Dead was a comic that was well known for its adaptation of what would happen in a zombie apocalypse and the actions of people trying to survive. The first comic came out in 2003, and featured artist Tony Moore for the first six issues. Cliff Rathburn did the shading on the next issues and finally, it went to Charlie Adlard. The comic was written by Robert Kirkman.

Fast forward 7 years to the San Diego Comic-Con and the first glimpse for the show was played on the big screen. Immediately people were excited to see what it was all about. There hasn't really been a good zombie representation since the beginning of zombie movies. This broke the mold for current day zombie films and tv shows.

The director of the first season was Frank Darabont and some say the first season of the show was the best. After the first season ended, Darabont left, and the writer of the comic took over, that being Robert Kirkman, even though Darabont wrote the second season and they used his writing for that.

After season two, Kirkman started writing

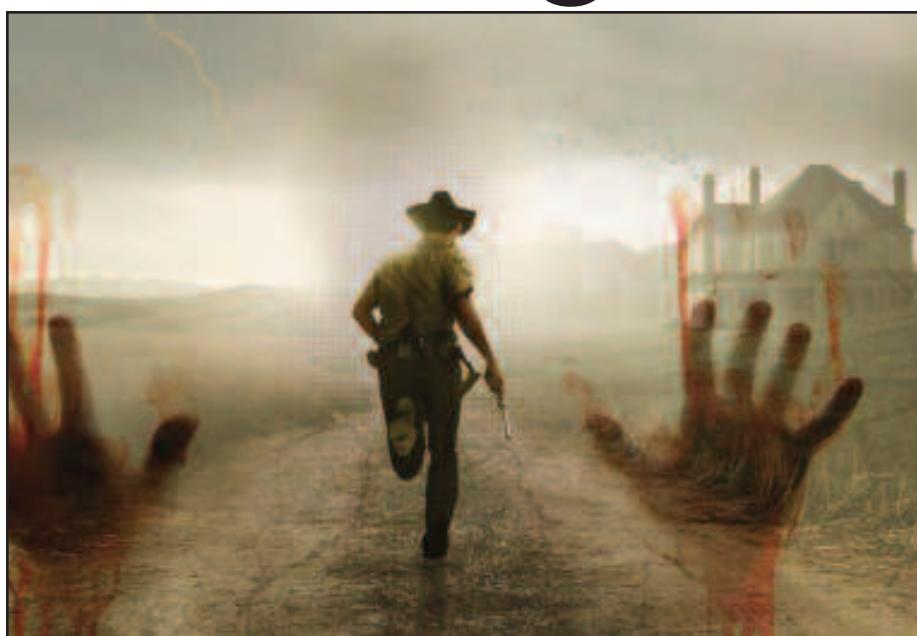


Photo contributed by JLLSLY.com

Main protagonist Rick Grimes in season two of Walking Dead.

everything. It being similar to what he wrote in the comics. There are things that have happened in the comics that have happened that the tv show has not touched on, yet. Up to Nigen, the show has been a close replica of the comic

Right now the Walking Dead is in its 8th season, and there is speculation that the show will stop after this, mainly because Kirkman will not be part of any season after that. The mid-sea-

son finale just happened on, December 9th, and ended with a shocking twist.

There won't be many people that say to not watch the show. It definitely lives up to the hype and everyone's excited to see how the show will continue to its conclusion.

## Cuckoo for Coco

by Holden Riley



Poster of Coco

Coco is the latest film by animation studio Pixar. Coco is about a young boy named Miguel, who dreams of one day being a musician, but is in a family that shuns music. Long story short, he ends up in the land of the dead and has to get out. It even includes a bit of Mexican folk lore. Without spoiling anything about the story, it is best to take the twists and turns as they come. The story itself seems rather familiar and standard Disney fare, but it adds enough new material to make a compelling narrative.

The animation in Coco is beautiful. The land of the dead is full of bright colors and stylized Mexican architecture. The land of the dead truly feels like a different world from the land of the living. The movement of the living-dead skeletons is very animated and creative.

Music is a big part of Coco. Coco is not a

musical per say, but songs are incorporated throughout the story. The songs, written by Michael Giacchino, are fun, catchy, and have a bit of Mexican flair. The main song of the film called "Remember Me" is played multiple times but in different ways to keep it interesting. This song, and more importantly it's different iterations, serve the story and theme of Coco well. There is already Oscar buzz for best original song, and it is definitely a worthy candidate.

Playing the lead character of Miguel is Anthony Gonzalez. Gonzalez does a great job capturing the idea of a wide-eyed dreamer in his acting, as well as the talent that Miguel is supposed to have in his singing. The entire ensemble does a great job all around. There aren't any weak links that stick out, but Gael García Bernal steals the show as Héctor. He exudes a lot of charisma, while having great comedic timing and doing a fantastic job singing.

Coco is a must see for anyone who is a fan of animation or music in film. This has to go down as one of Pixar's best. No one should be surprised this coming March when Coco wins the Oscar for best animated feature.

## Thor Ragnarok

by Damon Crowley



Main character Thor (Chris Hemsworth)

Making the third movie in the Thor trilogy, Thor Ragnarok hits us with a spectacular movie. We join Thor in the midst of Surtur (a vicious fire demon); Surtur informs Thor that Ragnarok is almost upon them. Surtur tells Thor that when he lights his crown amongst the eternal flame in Asgard and Ragnarok will be completed.

Thor and Surtur engage in battle and eventually the Norse god subdues Surtur and takes his charred crown from his flaming body. Thor arrives in Asgard and finds Loki posing as his father. They agree to look for their father. The two get a tip that Odin is residing in Norway. They are informed that he is dying and that upon his death his first born daughter Hela will be released from her eternal prison. Odin passes and Hela is released and she tells Thor and Loki either join her, or be forced to die. They aren't able to fight Hela together.

Thor and Loki begin to flee back to Asgard but Hela follows them pushing both gods out of the bifrost bridge to die. Thor lands on a planet named Sakaar. Thor meets scrapper 142 and is taken to the Grandmaster to fight. There, Thor finds Hulk as the reigning undefeated champion of Sakaar. After the fight Thor finds Loki and makes a plan to start a revolution against the Grandmaster with the help from some locals. Hulk, Scrapper 142, and Thor all escape on the grandmasters ship back to Asgard.

The three warriors when arriving at Asgard split up to fight off as many of the attacking enemies as possible. Hela and Thor meet engaging in confrontation. Hela in the battle slashes Thor's right eye losing his vision, making Thor see an apparition of his dead father that tells him that he can not beat Hela. In order for Thor to beat Hela he must unleash Ragnarok. Thor places Surtur's crown in the eternal flame unleashing Ragnarok. Thor and all surviving Asgard citizens, along with Hulk and scrapper 142 all retreat to earth while Asgard is destroyed.

Throughout the movie, the plot moves quickly and overall, Thor is an exciting film to watch.

## What is your favorite movie?

by Anastasia Frost-Nagy



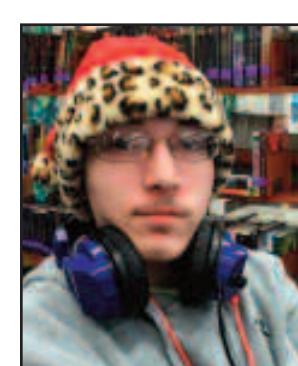
Austin Johnson  
"Thor"



Makayla Palin  
"Straight Outta Compton"



Ms. Jurnak  
"Casablanca"



Dallas Holmes  
"Kingsmen: The Golden Circle"



Brianna Bouchard  
"Deliver Us From Evil"

# Snow day decisions



by Matt Whitham

With tough Vermont winters, comes safety concerns for students commuting to school in bad weather. Snow days are an unavoidable part of going to school in Vermont and happens almost every year. When bad weather moves in that could make roads or the wait for the bus unsafe, town officials and members of the school administrative community get together to gather information on the severity of the storm. The superintendent makes the final call, but many people give insight.

They look mainly at the condition of the roadway, accident potential, temperature, and wind chill for those that wait for a bus. The superintendent will constantly check local and national weather stations on a regular basis, and keep updated on when weather that raises concern will hit Colchester.

According to Ms. Minor, the district superintendent, on days of bad weather, she starts her day at about 4:00 am. She starts by gathering information on the roadways from plow truck drivers, or contacting the bus companies. She gets information about weather patterns and talks to town workers and other superintendents in the area to get insight on their decision.

They use multiple resources and consider many factors when determining school closings. Ideally, they work on making a decision before 5:35 am which is when the first bus picks students up. If the district determines the commute to school unsafe on that day, they will cancel school and begin by contacting families via School Messenger. Next, the school calls the local news station, so they can update their school closing list.

Although a day of school has been cancelled, it still will be made up at the end of the year with every snow day adding one more day on to the school calendar.

# Right on Target

by Paul Demag

The Target retail chain has finally announced that they will be opening a retail location in Vermont. Replacing Bonton, the new Target store will be located in the University Mall in South Burlington.

Target fans from Vermont will no longer have to commute to Plattsburgh. Bonton will be closing its doors on January 31st.

"We know they will quickly become part of the Vermont community, and look forward to seeing its long-term success in the state," says Governor Phil Scott.

Target is looking to employ around 75 people, bringing more jobs to Vermont. Originally in 2012, Target tried to secure a location

# Save the Internet

## Internet freedom will be taken away

by Holden Riley

The FCC has recently repealed net neutrality, claiming that it inhibits innovation and is an overstep of government. But what is net neutrality, and why is it important?

Net neutrality is the principle of internet providers giving the same treatment to all internet content. If net neutrality is repealed, then internet providers can slow down or block websites as they see fit. One thing that already happens in other countries that have no net neutrality is paying for websites in packages, like one would for channels in a TV package. For example, there is a social media package and a video streaming package. Users have to pay an extra fee for these websites on top of the monthly fee that is already paid. This will make experiencing the internet overall more expensive.

A major issue with no net neutrality is giving internet providers the power to block websites from consumers all together. They could block Netflix and Hulu so one has to use their streaming service, or block a website that wrote an article criticizing them.



Photo provided by scottpeters.house.gov

Net neutrality policy will change the way we experience the internet.

This is obviously a major issue of free speech, inhibiting certain opinions to be heard.

So what if these big corporations start pushing harsher regulations, couldn't some-

one just switch their internet provider? Well, a lot of people don't have a choice. The only other options are very slow internet or no internet at all.

# The future is royal

by Nicholas Douglas

England's Royal Family still has great political influence and popularity. The current Queen of England is Queen Elizabeth II. The Queen took the throne from her father King George VI when he died on February 6, 1953. Queen Elizabeth II has been queen ever since. Typically, throughout history it is not common to have a Queen of England, but rather a king. The reason is because it always goes to whoever the king's first born son is, and because he had two daughters and Elizabeth II was first born, she became Queen.

Queen Elizabeth II married Prince

Philip; they had four children. Prince Charles, Princess Anne, Prince Andrew and Prince Edward. Because Prince Charles was the first born, he is second in line for the crown. This means when Queen Elizabeth passes away, Charles will become King of England. For the rest, they won't have much fame unless Prince Charles abdicates the throne, which means he doesn't want to be king, he is giving it up to whoever is next in line. In that case eldest son, Prince William will become King of England. Prince Charles had two sons with Princess Diana; Prince Harry and Prince William. When Prince Charles dies or abdicates the throne, then the title of king would go to his eldest son, Prince

William.

Prince William married Catherine Duchess of Cambridge. They have two kids, Prince George and Princess Charlotte. Sadly, for Prince Harry, he won't see the throne. It will go to Prince George, and that's what the future is looking like.

Even though Prince Harry most likely won't get the throne. There is an interesting point with him. Prince Harry just got engaged to Meghan Markle, an American actress. England is getting ready for another royal wedding in early spring that will be sure to draw global attention. Their wedding will take place on Saturday, May 19 of this year.

# Value of

## homework

by Cierra Viens

at Taft Corners in Williston but failed. The new store is expected to open October, 2018.

"We are thrilled to bring the best of Target to our small-format store opening in South Burlington at University Mall in fall 2018. From exclusive apparel and home brands, to beauty and essentials, fresh groceries and more, we'll curate the assortment for the families and students from University of Vermont that this store will serve," said Kristy Welker, A spokesperson for Target.

Vermont is the final state in the U.S. to have a target. A recent rumor in the business world is that the company Amazon is set to buy Target to get more into the retail business. Amazon has denied these reports but the rumors still exist.

Batchelder was asked what the value of homework was her response was

"It would be important if kids actually did it but they don't do it, so it isn't as useful".

CHS Humanities teacher, Ms. Lenox was asked her thoughts and stated, "People finish classwork at different times so it allows people additional time to do their homework."

This indicates that some students are able to utilize class time and complete most of their work in school instead of taking it home with them. Others have study hall and make the best use of that time. Still, others like the home environment better and prefer to complete their work at home.

Ultimately, homework is designed to strengthen a student's understanding of the material being covered in class. Some take advantage of this, while others do not.

The value of homework has been the subject of debate over the years. Research says the jury is still out as to whether homework has a positive impact on students' academic achievement.

There have been studies to show that doing homework improves test performance, so that can't be ruled out entirely. However studies also have shown that the benefits of homework peak at about 1 hour to 90 minutes, and after that it tends to drop down.

Students don't prefer homework, it's a pretty easy thing to tell, and it doesn't affect much of one's grade at CHS. So students around the school don't always tend to do their homework or even do it at all, but everyone knows if they want a little extra points towards the grade the homework gets done. When CHS student, Ammie

# CHS by the numbers

by Anastasia Frost-Nagy

636 Students enrolled at CHS  
 134 Teachers/Staff at CHS  
 103 Students in chorus  
 79 Students in band  
 125 Student parking spots  
 122 Teacher/Staff parking spots  
 5 Handicap parking spots  
 141 Smallest Class at CHS (Sophomores)  
 168 Largest Class at CHS (Freshmen)  
 125 Students take Art  
 751 Laptops at CHS  
 59 Desktops at CHS  
 37 iPads at CHS  
 35 Classrooms in CHS  
 275 Students buy lunch per day  
 127 Students take French classes  
 190 Students take Spanish  
 11 Clubs at CHS  
 25 Sports Teams  
 24 Varsity Teams  
 11 Junior Varsity Teams  
 2 Front office staff  
 6 Benches outside  
 5 Places to lock up bikes outside  
 1 Award Winning School Newspaper, The Lakeside Voice

# Having those winter blues

by Olivia Rosato

Each year the warm summer slowly changes to a vibrant fall and eventually to a dark and snowy winter. Through this change in season, many people begin to feel lethargic and lose motivation for daily activities, even ones they typically enjoy. These, along with others, are symptoms of Seasonal Affective Disorder; commonly known as winter blues and winter depression.

Seasonal Affective Disorder has a number of symptoms that, if left untreated, can lead to a damaged mental health, or even suicide.

Symptoms include: feeling depressed most of the day, loss of interest, fatigue, insomnia, changes in appetite, feeling sluggish and agitated, problems staying focused, feeling hopeless or worthless, frequent thoughts of death or suicide.

It's time to see a doctor when anyone experiences these symptoms for multiple days in a row.

The lack of daylight during the fall and winter months can change the circadian rhythm, the body's natural clock, which may be causing the symptoms of seasonal affective disorder.

Levels of Serotonin and Melatonin, the hormones that create feelings of happiness and tiredness at night, respectively, can be affected by the lack of sunlight which can trigger feelings of depression and fatigue.

After discovering a patient has Seasonal Affective Disorder, the doctor may implement one of the following treatments: Light Therapy, Antidepressants and Psychotherapy.

A patient using the treatment Light Therapy is



Photo from alamedahealthsystem.org

Winter depression can have severe and dangerous effects on a person's mental health.

required to spend a recommended amount of time sitting in front of a special light box that mimics the effects of sunlight. This can help a patient begin to feel relief from their symptoms.

Antidepressants are medications that can provide great relief of symptoms. Antidepressants typically take a few weeks to start relieving symptoms and patients may have to try a few different medications before finding one that works

best for them.

Finally, Psychotherapy can help patients pinpoint what thoughts are affecting the patient most, how to cope with symptoms and how to manage them.

More than one of these treatments should be used for the best relief and effectiveness.

# Making history in 2017

by Trinity Callahan

# 17

2017 was full of many changes that impacted us globally and as a nation. Here are some of the major events that will be remembered.  
 #METOO Campaign  
 Syrian Migration  
 President Trump Sworn Into Office  
 The US pulls out of Paris Climate Agreement  
 Hurricane Harvey  
 Women's March  
 Hurricane Maria  
 North Korea Testing Nuclear weapons

Global Cyber attack  
 UN reviews North Korea Trading  
 Total Solar Eclipse  
 59th Annual Grammy Awards  
 Michael Flynn resigns due to Russia conspiracy  
 Live action remake of Beauty and the Beast  
 Tomb of Jesus reopens after Jerusalem restoration Jerusalem is recognized as Israel's capital  
 US strike on Mosul that killed 100 civilians  
 World's largest dinosaur footprint found at 1.7 meters in Western Australia  
 North Carolina repeals its transgender bathroom usage  
 US president Donald Trump orders missile strike on Syria after Syria launched a chemical attack

# Flu season tips

by Mike Spillane



While the flu can be caught at any time of the year, flu activity rises in the fall and winter, with the highest activity occurring

Many ways to survive the flu through February.

So we are currently in Flu season and with the chances of getting the flu and common cold increasing because the flu virus is more stable in the cold air. Also, with the low humidity the virus particles are able to remain in the air. So if people want to stay healthy this winter they need to take extra precautions if to remain flu free this season.

There are many different ways

that someone can decrease the chances of getting the flu. One of the best preventatives would be to get the annual flu shot. According to the Center for Disease Control, the annual flu shot decreases the risk of getting the flu by 40 to 60 percent for the overall population during the Winter months so getting the flu shot is definitely worth it.

Other ways to prevent the flu are very simple to do, such as washing hands often, avoid touching the face, and practicing other healthy habits. Getting into the habit of practicing these tips will greatly reduce one's chances of getting the flu this winter. Although following these tips don't guarantee from not getting the flu, these tips will decrease and almost eliminate the chances for a healthy person getting the flu.

# Annoying trends of 2017

by Cody Lawrence

**Fidget Spinners** - The biggest and most annoying trend this year. R.I.P

**Chokers** - They look uncomfortable. Not very fashionable...

**Hypebeasts** - People who buy high end street wear and think that they are better and cooler

than people without it.

**Water bottle flip** - A trend started in 2016. Carried over to 2017. Hopefully it officially dies in 2018.

**Dank Memes** - Yes they are funny, but they kill the original material. This trend will definitely continue in 2018.

**Donald Trump's Twitter** - May or may not tweet the country into nuclear war. Other than that, his twitter account is rather comical.



www.fidgetspinner.com

The most popular trend of 2017 was the legendary Fidget Spinner.



Ms. Jurnak's Homebase, and 3-time winners, construct their winning house from 2016, while Mr. Ellingson's 2017 Snow Globe is ready for display.

**by Geoff Southwell**

Many traditions surround the holiday season and add to the fun and celebrations of the holidays.

One tradition at CHS is the annual Gingerbread House contest.

Each year every Homebase is given a two hour period to plan and construct a gingerbread house to enter in one of three categories, and put on display in the library.

With the contest starting on a Monday, several classes have already begun planning and gathering supplies. The categories include Traditional, Non Traditional, and the People's Choice.

Mr. Ellingson's Homebase won the Non Traditional category, with two tree house themed gingerbread houses, and won the previous year by constructing the house from Up.

The past two years Ms. Cohen's Homebase was able to take home the People's Choice category with last year's entry, A Cabin in the Woods themed display.

Ms. Jurnak's Homebase continues to win the traditional category stringing together three wins in a row.

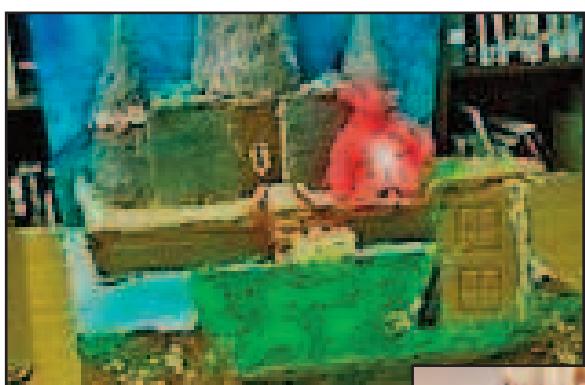
After the judging, students are able to volunteer and help deliver the displays to different nursing homes and community centers around town to spread holiday cheer.

Mr. Ellingson's AT hopes to win once again, and win the non traditional category three years in a row.

# Gingerbread Cheer

One entry created by Ms. Keep's and Mr. Schuech's Homebase was a Castle With A Dragon, and became one of the more popular entries this year.

Ms. Jurnak's Homebase took the win in both the Traditional category and the People's Choice Award, by recreating the Church Street Marketplace, out of gingerbread.



Mr. Ellingson's Homebase won the Non Traditional category for the third year in a row. This year winning with a snow globe themed house, placing their house in a large bowl.

# FEATURES

## Advantages of solar energy

by Landon Cayia

As the number of devices we power using outlets goes up, solar energy is becoming more and more popular as an energy source. Installed and controlled on the user end, this becomes not only an option for its purpose, but also for its accessibility and unrestricted nature.

Solar energy is a sustainable energy source, as it's both renewable and abundant. It can't run out, as it lasts as long as the sun burns and will provide plenty of energy indefinitely. Earth's surface receives 120,000 terawatts of solar radiation, which is drastically more than the amount required to power the entire world at any given time.

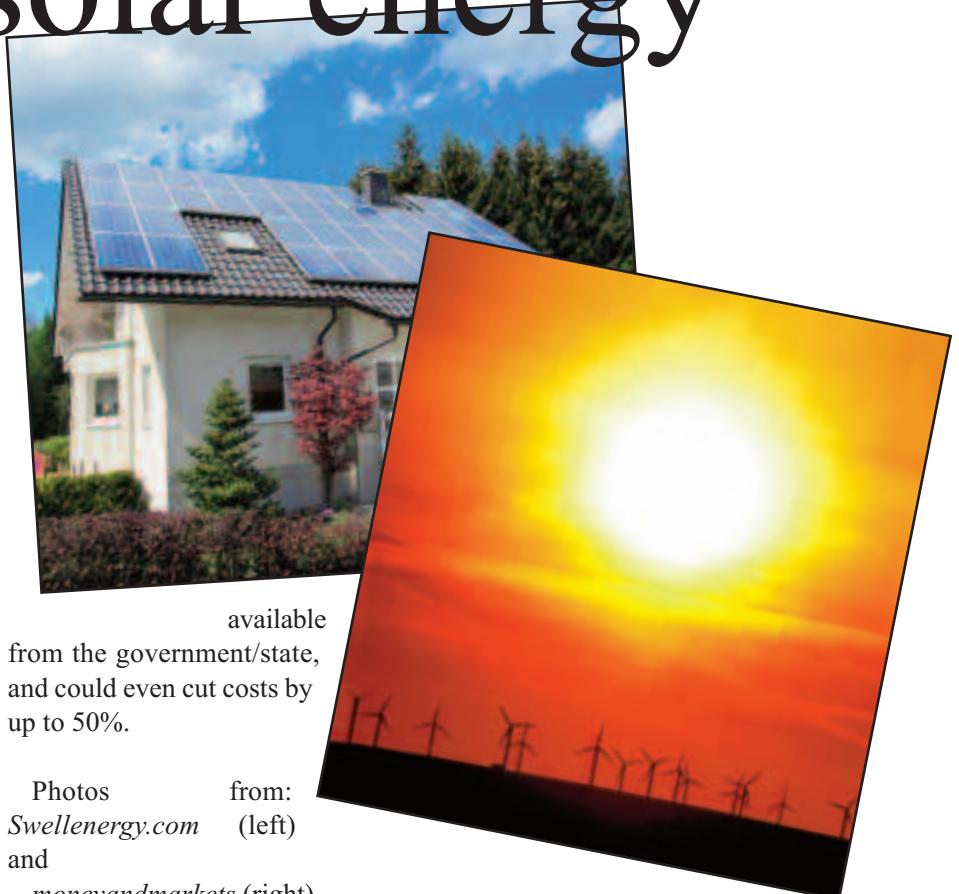
Solar energy is much more friendly to the environment than other energy sources. The only process involving solar energy that produces any kind of pollution is the creation of the panels themselves, afterwards they produce completely clean energy. Being important for some, this could be a deciding factor.

Available just about everywhere, solar energy is practical for anyone and should provide plenty of power for the average consumer. Solar energy should be ideal

for four out of five American homes, as the only issue in this case would be if the roof of the home was obscured by trees. This can be worked around by installing the panels in another location on the property or by trying to eliminate the problem directly by trimming the branches down.

However, solar energy is intermittent, meaning that it may be more available some days than others. If there is overcast of any sort on one day, there will be less sunlight, which means less energy conversion and alternative power sources may temporarily become a necessity. This can be avoided by purchasing a battery to hold some of the charge for days without sun.

Using solar energy can save one a lot of money over time. After they're installed, using them long-term will significantly lower the cost of electrical bills. They're also very easy to maintain, requiring a simple cleaning a few times a year and little to no maintenance costs. However, keep in mind that the initial costs of installing solar panels on a home can be rather pricey. For most, the investment would be worth it and would pay itself off after a few years. Recently, rebates have become more readily



available from the government/state, and could even cut costs by up to 50%.

Photos from:  
Swellenergy.com (left)  
and  
moneyandmarkets (right)

Solar panels, commonly installed on the ground or attached to rooftops, harness energy from the sun to power homes.

## Delivery drones, a way of the future?

by Paul Demag

In the future, unarmed drones will be making a statement. While they are mainly used in the military or for recreational use, UAVs are becoming more commercial. Many companies have been test marketing the feasibility of drone usage for quicker delivery service.

Amazon is testing the waters for a package delivery service involving drones. Known as 'Amazon Prime Air', customers can have their packages (up to five pounds) delivered by a drone in only 30 minutes or less. Amazon claims that "Prime Air vehicles will be as normal as seeing mail trucks on the road."

The service was tested last year, and the first Prime Air package was delivered in England. The delivery did not require a human operator and was fulfilled in only 13 minutes. There is no date specified on when we could start to see this service being



Photo courtesy of Amazon.com

### Amazon enters the delivery by drone marketplace.

used in the United States. Unfortunately, Jeff Bezos (The CEO of Amazon) predicts that the US may be one of the last ones in line to see this service implemented, due to US regulations.

Many other companies have tested out this concept, including Domino's and Chipotle. The main conflict these drones have created is

privacy concerns and clogging up US Airways.

"There definitely will, there will be a lot of privacy concerns," says Mike Spillane, a CHS Senior.

While drones may be a way of the future, we have long ways to go before we see services like this up and running.

### CHS DATELINE

#### FEBRUARY

- 2-4 Town of Colchester Winter Carnival
- 7 Early Release Day for Students, 12:10
- 8 Junior College Night, 6:30-8:30
- 9 SAT Registration Deadline for March Test
- 10 ACT Test Date
- 14 Student of the Month Luncheon
- 15 AMC Math Test
- 22 Junior College Night, 6:30-8:30
- 26-28 Winter Break

#### MARCH

- 1-6 Winter Break
- 5 Town Meeting Day
- 6 Family/Teacher Conferences 10:00-6:00
- 7-16 Intramural Volleyball Tournament
- 8 Spring Sports Sign Up Meeting
- 10 SAT Test Date
- 10 District Band Concert
- 12-15 Variety Night Dress Rehearsals
- 15-17 New England Music Festival
- 16-17 Variety Night Performances
- 19 Spring Sports Begin
- 22 Band Concert, 7:00
- 23 Staff In Service Day
- 28 CHS Cares Meeting, 2:30
- 29 Chorus Concert, 7:00
- 30 End of Quarter 3

# Frozen in Time



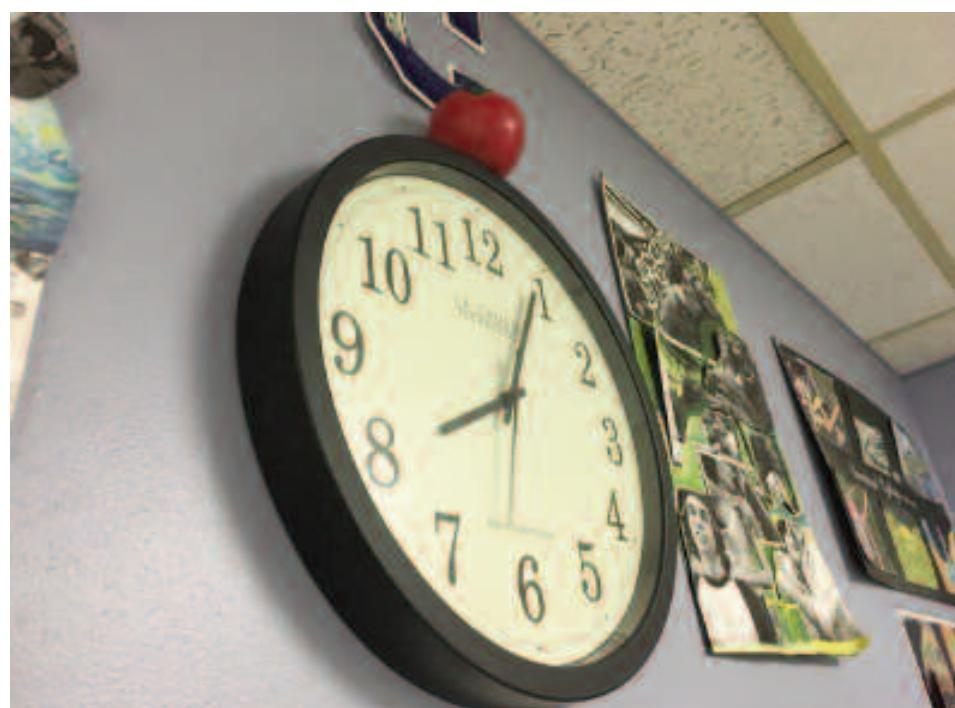
1993 GE digital clock radio.



Former Friendly's clock in CHS lobby.



Ms. deLarichelere's bespoke timepiece.



Mr. McCannell's self-proclaimed "Apple-Watch".



This timeless timepiece hangs in Mrs. Cummings classroom.

# 2018 New Year's Resolutions

"To be in a newspaper." - Charlie Davidson	Hamilton	consistent routine to practice the drums." -Mr. Thime	"To increase gainz." -Cody Lawrence
"To stop turning in late assignments." - Gabrielle Lajeunesse	"I want use more substitutes for butter." -Paul Demag	"Be more self confident." -Angelo Trevisani	"Get all my homework done on time." -Holden Riley
"To start trying to be happier." -Kaitlyn Hayes	"Exercise during the cold dark winter months." -Mr. Scheuch	"To think more about other people's perspectives." -Mr. Warren	"Become older." -Nick Douglas
"Get thicc" -Aly Lynch	"Work out 3 times a week." -Natasha Halverson	"To read every issue of the Lakeside Voice - of course!" -Mr. Martin	"To get in shape." -Kevin Otto
"To become who I want to be without judgement." -Catherine Jones	"Enjoying each day to the fullest!" -Mrs. Deschamps	"I want to get a girlfriend." -Selby Jacobs	"Work out three times a week." -Scott Mass
"Charms" -Joey Caruso	"I will try to keep an open mind about the existence of bigfoot." -Mr. Richey	"To remember to write 2018 instead of 2017 on all my papers." -Anya Olmstead-Posey	"Drink less soda." -Juliette Letourneau
"To help my brethren properly become carbon based life forms." -Quinn Holly	"Running 6 miles at a time." -Mrs. Vilmont	"Have a healthier diet." -Sam Lamphier	"Be kind and make good choices." -Mason Thackara
"Being more healthy." - Olivia Schmidt	"Prioritize self care." - Mrs. Wolf	"Working out more." -Ryan Brothers	"Score more bangers." -Kenan Pilav
"I will start to drive on the left side of the road now." -Everett Simkins	"Say "no" more often, plan for 2020 (2018 resolution)." -Mrs. Latulippe	"To do more homework." -Nick Blin	"Go to school more." -Liam Meyers
"To dance and sing everyday in 2018." -Rachel	"To relax and try to just enjoy the moment." -Mr. Davis	"Sleep more." -Duy Pham	"Learn how to skate." -Mr. Marlow
	"Laugh more!" -Mrs. Noble	"Work out more." -Brady Wilkins	"To promote more peace in this world." -Mr. Price
	"I am planning on eating more healthy food and working out more." -Mrs. Rosato	"Eat healthier." -Hannah Herriot	
	"Increase my running mileage." -Mr. Phillips	"Stop procrastinating." -Missy Miles	
	"Set up (and follow) a	"Read more books." -Brooke Senesac	
		"To have my car paid off by graduation." -Trinity Callahan	

Responses collected by  
Landon Cayia



# Tesla's new roads

by Everett Simkins

American automobiles have made a comeback; to a certain degree. For the past few years Tesla has been taking the U.S. car market by storm, most notably with the announcement of their Model 3. Over six-hundred-thousand customers put down a one-thousand dollar bond to pre-order the Model 3. This type of consumer interest is extremely rare in the American automotive market, and it sets Tesla apart from other American Automotive Companies, but did Tesla break new ground again with announcements of their Semi-truck and Roadster?

What is the appeal of an electric semi truck? Well, let's remember what the current state of semi trucks are on American highways: diesel trucks are very slow, especially on uphill climbs with heavy load. The Tesla Semi addresses this with more power available than ever before in a production semi-truck. There are few performance metrics available, but the Semi can go 0-60 mph (a standard metric for measuring acceleration from a standstill to 60mph) in around 5 seconds. To put that in perspective, an average family sedan will do the same in 8-8.5 seconds.

This truck is seriously quick, and has the capability to safely transport massive loads of cargo on the cheap. Fully charged, the semi has a range of 500 miles. Furthermore, Elon Musk touted that one of Tesla's new "megachargers" could charge the Semi to 400 miles of range in 30 minutes. That is huge, and it puts the Tesla Semi in a very competitive position compared to conventional semi trucks, but that's not all.

Most trucks use a compression air brake system, which is really just an extra-powerful version of the friction-brake systems in most cars. Ultimately, this means costly brake wear, a significant cost component for truck operation, but Tesla has a unique solution; regenerative braking. It's not new, in fact it's been in every

**"...hardcore smackdown of gas powered cars"**

-Elon Musk

single one of Tesla's production vehicles. The truck can slow down to a grinding halt without ever having to use its conventional brakes. This ideally eliminates brake wear, and allows the brakes that ship with the truck to last for life. Beyond that, it's relatively small features like an indestructible windshield, enhanced autopilot system, center-mounted driver seat for enhanced visibility, one-million mile warranty, anti-jackknife feature, low center of gravity for roll stability, and a drag coefficient of 0.38, compared to an average of 0.77 on other semi-trucks. Tesla has already received over one-hundred five-thousand dollar deposits from an array of major companies including Walmart and PepsiCo. There is undoubtedly confidence in the efficacy of Tesla's new experimental Semi-truck.

Speaking further into the future, Tesla has unveiled their plan to recreate their original roadster electric sport car for 2020.

This time, to quote the CEO of Tesla Elon Musk, the new roadster is a, "hardcore smackdown of gas powered cars".

The target of the vehicle puts qualms against electric vehicles to rest. Tesla plans to do this by creating a sports car that will challenge gasoline cars in many of the performance metrics used by automotive enthusiasts. Elon boasted a 0-60 time of 1.9 seconds! I've done the math, that's an average acceleration of 1.5G's, which is stunning. The roadster also carries new milestones for Tesla, that being the longest range of any vehicle in their fleet, an advertised 600 miles. The Roadster shakes up the rest of the supercar league at a price of two-hundred-thousand dollars. Pre-ordering has begun, this time with an initial deposit of fifty-thousand dollars. It's not much to secure a place in the neck braking machine, reserved sometime around 2020.



Photo provided by Car and Driver Magazine

Tesla shows off the new design of their upcoming Roadster model.

## Best late excuses

by Cierra Viens

On any given day there are a number of students who arrive late to school or to an individual class. Many have some interesting excuses as to why they are late. Below are just a few of the multitude of excuses teachers hear throughout a year.

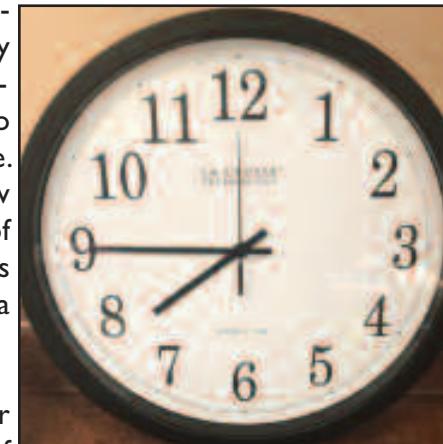


Photo by Cierra Viens

Ammie Batchelder  
- Couldn't get out of bed

Cydney Viens - When school begins many students arrive after the start time.

Noah Cueto - Pet rock rolled away  
Emma Fredette - Knee gave out on the stairs

Morgan Eaton - I got stuck behind

a tractor  
Julia Correll - Bus left us in the freezing cold for half an hour  
Kayley Tullgren - My car wouldn't start because of the cold

Rachael Herriot - I got bit by a spider

Caitlin Connors - My brother stole my food  
Calvin Companionracicot - I forgot what day it was so I went to the wrong class

Spencer Plump-ton - My dad was in the bathroom...

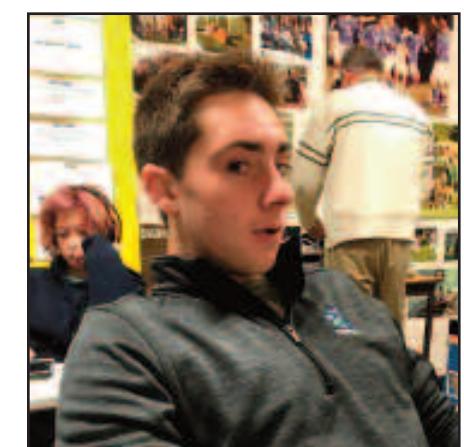
Annie Feehan - My dog ran away

Lyndsey Liebrecht - I got in a car accident

## Biggest fears

by Brayden Duggan

Hope Renadette: Snakes and mice  
Mrs. Wolf: Heights  
Jerrett Schnabel: Mushy parts of bananas  
Gabby Gosselin: Dying  
Brooke Senesac: Insane asylums  
Luke Dion: Dying young  
Mr. McCannell - "I have no fears."



Michael Spillane

"Ghosts are pretty spooky."  
- Michael Spillane -

## Junior privileges?

by Rebecca St.Peter

The idea of giving juniors the same privileges as seniors has been floating around for quite awhile. Allowing juniors to leave campus during study halls, being exempt from finals with an A, etc. Underclassmen don't have these benefits.

Many juniors have cars and drive to school everyday as well as seniors. So why are seniors allowed to leave but not juniors? Doesn't seem fair, especially when many juniors also have study halls during the day and are stuck at school doing nothing.

Juniors should be given the opportunity to leave campus because many leave anyways. Junior year is the college admissions test year, so being able to have more time outside of school could possibly allow more time for tutors and preparation. Even though not all underclassmen have work to be done outside of school, it would

give them a break away from all the stress.  
Allowing juniors to sign out themselves may help prepare students for college, where they need to manage their own time and schedules.

Exams. A major discussion on why should seniors be exempt from exams from elective courses with a 90 average, but juniors who have a 90 or higher average and are in the same class, still have to take final exams?

Some schools allow juniors to be exempt from their final exams if the class is year-long. Allowing juniors to be exempt from the final exams may push them to do better during the school year.

Teachers say they want what's best for the students, so why aren't junior privileges in motion yet? Allowing juniors to have the same privileges as seniors may raise grades even more.

# Making their way to Costa Rica

by Everett Simkins

During this upcoming April vacation, six seniors, six juniors, and six sophomores from CHS will make their way to Costa Rica. They will not be traveling alone; two of CHS's World Language teachers, Ms. Turner and Ms. Robinson, as well as science teacher, Mr. Warren, will be traveling along with the students.

Despite the fact that Costa Rica is a Spanish speaking country, and that a majority of those students are enrolled in Spanish classes at CHS, the primary focus of the trip is not language immersion for Spanish-language students. The focus of the trip is environmental conservation in Costa Rica. According to Ms. Robinson, they selected Costa Rica due to the country's mission towards natural preservation, and its biodiversity.

The nine-day long trip is packed with activities relevant to Costa Rica's natural diversity. The itinerary includes events such as; visiting a crocodile farm, engaging in many conservation project activities, traveling to the Arenal Region,

kayaking on Lake Arenal, visiting the volcano hot springs, canopy tours, even taking part in a tour a coffee plantation, and more activities in between. All of this is thanks to the tour company, EF tours, which through their experience and expertise allow schools like CHS, and the passionate teachers organizing the trip, to promote a safe and vibrant learning experience.

Students will also earn half a credit for the trip, and will have to complete pre-trip responses and post-trip reflections to evaluate their learning experience.

To sum it up, Ms. Robinson says this trip will give students access to an authentic Spanish speaking culture and environment, while also shedding light on the importance of natural preservation and biodiversity.

This trip costs roughly \$3300 per-student, and if anyone would like to reduce this cost and help fundraise this trip, there are links to a GoFundMe page and instructions for donating via check, all on a link under CHS's website, Academics, World Language.



*Photo provided by Ms. Robinson*

Fourteen of the eighteen total students participating in an April Costa Rica trip, are pictured above.

# School in the 1800's

by Brianna Lampman

In the 19th and early 20th centuries one room school houses were the norm in rural areas. A single teacher taught grades one through eight together. Older kids were expected to help the teacher with younger kids.

The youngest kids sat in the front to learn their ABC's while the older kids were reading or doing math.

Typically, schoolhouses were heated by a single wood stove. Students would have to walk miles to get to school. Boys and girls were kept separate during school.

The school year was much shorter. Students attended school for about 132 days. This was because a lot of the kids lived on farms and had to help their families.

Many of the subjects today like Algebra, Physics, and Chemistry were not taught back then instead subjects like reading, writing, arithmetic, history, grammar, rhetoric, and geography were the main subjects. Many students also used the Bible for a textbook.

Discipline was more strict, teachers had the right not only to suspend them, but to use physical punishment such as slapping a ruler across their hands or making them hold a really heavy book for an hour.

Schools did not provide lunch. They usually had an hour to go home for lunch. Kids were also expected to do chores to keep the school clean and warm.

Many things have changed over the years, from what students studied, to behavior, to the number of days in school year; however, schools still remain a staple of every community.

# iPhone falling behind

by Jerrett Schnabel

By the end of 2017, the iPhone 7 was the most purchased smartphone of the year. Apple has been the biggest smartphone purchase through the years. They appeal to the market because of their simple design and ease of use. But the iPhone is hardly the most advanced smartphone.

Apple released their first phone in 2007 and it stuck the market with the advancement in cellular devices. Every year a new iPhone is released and the prices seem to skyrocket each year. The new iPhone X is \$999 before tax. Over a thousand dollars for an iPhone that doesn't seem much different from its predecessor. How does iPhone justify this outlandish price, by waving new features in customers' faces.

If you had an iPhone you were "cool" and "better" than alternative smartphone users, at least that

was the common belief.

The iPhone processor chip is made by Samsung, the A-x, an older model Samsung has all the features a new iPhone has and then some. One of the examples of Apple's propaganda is the camera quality and features. Portrait mode being the biggest, even though that's another piece of software that androids have had since 2015. Androids are cheaper to buy and to service. Older android models having removable batteries and SD chips that users can expand device storage. One of the best features of android is waterproof smartphones.

The Samsung Galaxy S5 was the first Samsung phone to be waterproof and they bettered the design as the phone continued. The new iPhone is finally water resistant, which is as capable as the the first waterproof galaxy.

# Future of travel technology

by Matt Whitham

Technology already leads us to valuable information that connects us with the world at our fingertips. Technology in the future is intended to ease our lives by giving us easy access to anything we want to know.

An example of technology that is controversial but has made it to many big auto manufacturers, is self driving cars. This technology strikes a debate for those who question the ability for a computer to make human like decisions when it comes to life or death situations. The other problem with automated cars is that auto manufactures would have to make a system that is not overridable or hackable. Despite possible risks of self driving cars, companies have already manufactured many self driving cars, but not com-

pletely self driving, as drivers have to touch the steering wheel such as on a Tesla every 10-20 seconds to confirm the driver is present.



*Self-driving cars are part of the immediate future of travel technology.*

With these big luxury car companies making this technology, we can count on seeing it present in future years in most luxury car manufacturers lineup. It's unlikely we will see

the technology disappear unless the government regulates it due to safety.

Another form of revolutionary technology is supersonic travel technology and it could possibly be in our lifetimes. 786 mph is considered supersonic, and the speed of sound. Supersonic travel researchers are studying isn't with planes, but trains. Inventors of this technology uses the same build as the Maglev train in China. The only difference is that the supersonic train will operate through a tunnel with vacuum reducing air resistance. The researchers say this enclosed tube train could reach speeds up to 1800 mph. To put the speed in perspective, it would take the train just over an hour and a half to make it from Colchester, Vermont to Los Angeles, California.

If we see this technology appear in our future it will help connect us with the rest of the world quickly, which is what the goal is for advancing technology.

# Winter sports offer plenty of action

by Kevin Otto

Winter Sports are underway with exciting high school match ups clashing against the best. Come out and support our one and only Colchester Lakers. Pack the stands and be as loud as possible getting the players pumped up and ready to play.

The Lakers have a great variety of sports like intense boys' and girls' basketball, alpine and nordic Skiing, dance, boys' and girls' hockey, and wrestling.

Listed below are upcoming Laker contests:

**Boys' Basketball**  
Rice- (Home) Friday, Jan 26 @ 7  
Mt. Mansfield- (Home) Friday, Feb 2 @ 7  
St. Johnsbury- (Home) Friday, Feb 9 @ 6:30

**Girls' Basketball**  
Enosburg- (Home) Wednesday, Jan 31, @ 7  
NCU- (Home) Tuesday, Feb 6 @ 6:30  
Middlebury- (Home) Sat, Feb 17 @ 12:30

**Boys' Hockey**  
NCU- (Home/Leddy) Wed, Jan 24 @ 4:30  
BHS- (Home/Leddy) Sat, Feb 10 @ 8:30  
MVU- (Home/Leddy) Sat, Feb 17 @ 8:30

**Girls' Hockey**  
Northfield- (Home/Leddy) Sat, Jan 27 @ 6  
Rice- (Home/Leddy) Wed, Jan 31 @ 4:30 BFA- (Home/Leddy) Wed, Feb 14, @ 4:30

**Alpine Skiing**  
CVU- (Sugarbush So./SL) Tues, Jan 30 @ 10  
Rice- (Cochrane/SL) Mon, Feb 5 @ 2  
CHS- (Cochrane/SL) Wed, Feb 12 @ 10

**Nordic Skiing**  
CHS/CVU- @Cochrane's/Skate, Mon, Jan 29  
BHS- @Sleepy Hollow/Classic, Sat, Feb 3  
BFA- @Hard 'Ack/Skate, Sat, Feb 10

**Dance**  
Saturday, (Lamoille) Feb 3, @ 1  
Saturday, (Middlebury) Feb 10, @ 1  
Saturday, (States/Vergennes) Feb 17 @ 1



Photo By: VTsportsimages

Senior, Gabby Gosselin drives for the basket in January girls' basketball action.

# Celebrations in sports

by Cody Lawrence

Sports have always been the center of entertainment and competition throughout history. Sporting events represent excitement, suspense, team, and pride.

Sometimes, after a player scores for their team, they break out in celebration. As a fan, it is always a joy to see the big-time players show-off. Celebrations happen in almost every sport. Basketball, football, and soccer are the sports with the most creative celebrations.

Recently in the NFL, the league decided to let players express themselves more freely. This is a positive change from when the NFL put restrictions on certain celebrations. This season, there were a number of interesting touchdown celebrations. The majority of these acts have been team oriented. A few examples of rather funny and unexpected celebrations this year have been hide & seek; duck, duck goose; bowling, and the electric slide. It is obvious that teams practice these hyped up acts before they

perform them in games. There is no way they can execute so smoothly on the first try.

The NBA is another professional league where celebration is hyped up and common. As long as the act is appropriate and doesn't inflict aggression on the opponent, then there will not be a problem. Unlike a game of football, it is rather hard to fit in a celebration after scoring in the NBA. The refs will not stop the game for 10 seconds of glory. On the other hand, players on the bench can celebrate without worry. Acts of celebration in a basketball game will most often occur after a made 3-point shot or a cool dunk. When players make clutch threes they will usually pretend to cook food in a pot. After a sick dunk, a player may flex and stare down the other team's bench.

At the end of the day, it is reasonable to state that a sporting event would be rather boring without celebration. Think about it, fans are supposed to cheer on their teams and celebrate as well. Imagine a game where players expressed no emotion and the fans just sat silently.

# Unusual road to Super Bowl

by Lakeside Voice staff

When the NFL playoffs began a few weeks ago, not many would have predicted the final four teams that would play for a chance to go to the Super Bowl. While many might have predicted the New England Patriots would advance, few had them squaring off against the Jacksonville Jaguars.

On the NFC side, many had settled on the Eagles until the favorite to win the MVP, their quarterback, Carson Wentz, went down the final weeks with a torn ACL. After that it was up in the air as who would advance although many thought it opened the door for the surging New Orleans Saints.

The Eagles squeaked by Matt Ryan and the Falcons, and the Minnesota Vikings pulled off a

miracle finish to send Drew Brees and the Saints home with the Vikings advancing to the NFC Championship game.

The Jaguars advanced by upsetting the Steelers in Pittsburgh. When it was all said and done, three all pro quarterbacks lost and one remained, Tom Brady.

Boston sports media wrote that the Patriots would have the easiest road to a Super Bowl in NFL history.

Championship weekend would showcase four teams, three with inexperienced quarterbacks.

In the end the two teams that were seeded number one; the Patriots in the AFC, and the Eagles in the NFC managed to win their championships.

Thus, after a surprising playoff season, the teams expected to be in Super Bowl 52 were the ones that ended up in the big game, New England vs Philadelphia.

In the end, the Number 1 seeds advance to Super Bowl 52.  
*Patriots vs Eagles*

# Winter Sports

With winter sports season hitting the halfway mark, Laker teams continue to be ready for action. Girls' basketball looks for a successful season following the loss of 6 seniors. Returning guards Jessica Laquerre, Gabby Gosselin, and Bailey Luter provide key roles for the ladies along with new faces in freshmen Olivia Moore and Emmakate O'Donnell. The boys' team is ready for action with a new face after graduating a senior class with 8 players. Forward Thomas Vesosky looks to help in points and rebounds. New faces Isaiah Freeman and Tyler Desjardin look to score at a high rate from the wing and Conroy O'Donnell as a defender in the paint.

## Andy Rosato



Rosato and the Boys' Hockey team will look to make a strong playoff push in seniors Camden LeClair, Robbie Davis, Luke Dion, and Andrew Spencer's last campaign together.

## Jessica Laquerre



Laker Guard Jess Laquerre enters her second year of Varsity Basketball for the Lakers. She plays the role of the point guard for the Lady Lakers.

## Stephen Emmons



Laker Forward Stephen Emmons is playing in his third and final season of Varsity Basketball. Team captain, Emmons will look to hold down the inside scoring for the boys.

## WINTER FUN



## Many Ways to Enjoy Winter

by Brayden Duggan

With plenty of snow on the ground, Colchester residents are eager to get outside. Although sub-zero temperatures earlier in January kept some inside, many people now are enjoying what the winter months have to offer.

The ski resorts are all open and packed with plenty of snow for weekend fun. They have all picked up lots of snow for good backcountry skiing and riding. By early January, all the ski resorts had picked up at least 80 inches so far on the season making for a strong base.

The lake has frozen allowing for ice skating and pond hockey. Soon it will be strong enough to drive on but there is enough to walk and skate on. We have also accumulated plenty of snow so far in Colchester and there is a good amount of snow for sledding and fort building.

With all the winter fun happening it is safe to say winter fun is officially well under way for the 2018 season.