INFOGRAPHICS

For Your

CLASSROOM

A complete guide to displaying information in creative ways, adding pictures and symbols as well as graphs and charts to present information in a bright and eye-catching way.

SmartCat Studio

easelly

Infographics for Your Classroom

What are infographics?

Technology conditions the brain to pay attention to information differently than reading. Presentations that contain both text and images are found to be more engaging, informative, and captivating. We hope to see more and more classrooms implementing cutting-edge technology to help teach students more effectively and with more engagement. One tool that can *really* help educators is the infographic. An infographic is easily relatable in this "digital age," in that it's short, to the point, and put together in a way that makes it easy to remember the points made. Also, infographics allow teachers to present classwork in more condensed and appealing ways - without losing any information. This will ensure that students understand your information better, instead of just memorizing a bunch of data and forgetting it the minute they close their textbook.

The modern age we live in is all about consuming information – everyone has it at the tip of their fingers. We are hungry for more and more knowledge, but this ease of access also has side effects: we don't accept every form of input anymore. Visual input is directly filtered through the brain's processing centers, and over half of the population are visual learners, meaning they learn faster and better with visual input. This is especially helpful knowledge to have in classrooms, where instructors need information that is quickly transferable, coherent, and visually interesting. As almost all sensory data will be filtered out of the brain as soon as it enters, it is fundamental to create a stunning visual impression, sometimes even using unusual details that will help students remember the information easier.

One important note about infographics: If you want your infographic to be truly effective, it's necessary for you to find your focus point. Without it, everything you implement on your page will probably be fuzzy and difficult to take in, especially for students. Think carefully about your final conclusion, about that thing you want students to remember for all eternity (or maybe just the semester), and build everything else in your infographic around your focus point.

Every infographic should have that one sticking point that forces the information to store itself in the brain. Don't let dry subject matter be an excuse; you'll be able to find at least one fact that most (if not all) students will find intriguing. You should bear in mind that the development of informational technologies has affected the younger generations. Students are getting harder and harder to impress because they think they know everything. The scary truth is that they do know a lot – if they want to know something, they look it up in an instant, and then move on to the next. So:

What will you do to make them pay attention?

Visual learning gives better results

Did you know that visuals are processed 60,000 times faster in the brain than text? In addition, our eyes can register 36,000 visual messages per hour, and can process images that last for just 13 milliseconds!

Various colors, different fonts, and creative shapes can all be used together to help students to learn more efficiently, but they can also help educators keep their students focused on the topic at hand. Students respond better to visual cues, rather than hearing their teacher drone on and on. Use of visuals like infographics can be quite beneficial to both student and teacher. They allow you to create your lessons around a central image, something the entire class can focus on as you speak.

The use of visualized information has increased 400% in literature since 1990, and every teacher knows that visual cues help students retain more information. Basically, an infographic is visual content designed to be perceived as eye-catching and appealing. It's a combination of words, numbers, pictures, charts, illustrations, even colors – all designed to describe or explain something quickly, clearly, and in extremely effective and engaging ways.

In other words, infographics help teachers make the content extremely visual. And since visual content is easier to digest, students' brains don't have to work so hard at processing. That means more time for quality teaching, improved learning abilities, and longer and more stable memory.

easel.ly

Consider this: A crossed out smoking cigarette sends a clear message to everyone, doesn't it? "Ingen rökning" on the other hand, sends a clear message only to those who can speak Swedish. Infographics speak volumes without saying anything, just like the No Smoking sign we're all familiar with.

To make this "speak volumes without saying much" point clear, here are some questions teachers should have in mind before they start making an infographic:

What would be the purpose of my infographic?

Will its message be effective enough?

Will the students really understand or memorize it easily?

Does it inspire or engage them?

Is this infographic mostly visual or is there a lot of text?

Infographics are timesavers. They are a constant source of much needed, tailor-made teaching materials. They raise the whole teaching process to a whole new level, as they are a great and creative way to get your message across. Infographics can be used for virtually anything, from school lessons, to homework and essays, to data for college research. Not to mention, it's a great way to turn those pesky mobile devices into your allies, instead of combating them for your students' attention!

If you want your students to listen, and not only hear what you're saying, but ask questions and engage in discussions, it's crucial that you to find a way to intrigue them and spark their curiosity. Use their desire to know everything to your (and their) benefit. When a student is curious about a subject, they will pay attention, and that additional interest lets their brain store information in their long term memory. The real question is:

How do you invoke curiosity from a generation that's hard to surprise and even harder to impress?

Future Teachers Using Easel.ly

easel.ly

Clean and creative infographics can make learning new information a lot easier. Increasing the amount of visual learning (in lieu of endless reading sessions) will allow students to better absorb lessons, which is sure to bring about better grades. Plus, it'll get you closer to your students and have you communicating in new and improved ways. Have your students open Easel.ly on their browsers; you can have fun, get results, and teach your students the way they actually learn!

easel.ly

Different infographics can be used for every class

Students nowadays have totally different experiences than the generations before them, and it's important for schools and teachers to keep up with change. It can prove pretty tricky to deal with a generation that can find anything online in a matter of seconds, and who are accustomed to a faster pace in most aspects of life.

This is why infographics can be a teacher's best friend. They're a short, precise, and creative way to present anything you need - and they will definitely get your students' attention quicker than books or endless text slides on the overhead. Plus, they're totally versatile and you can use them for just about anything you might need, both in and out of the classroom.
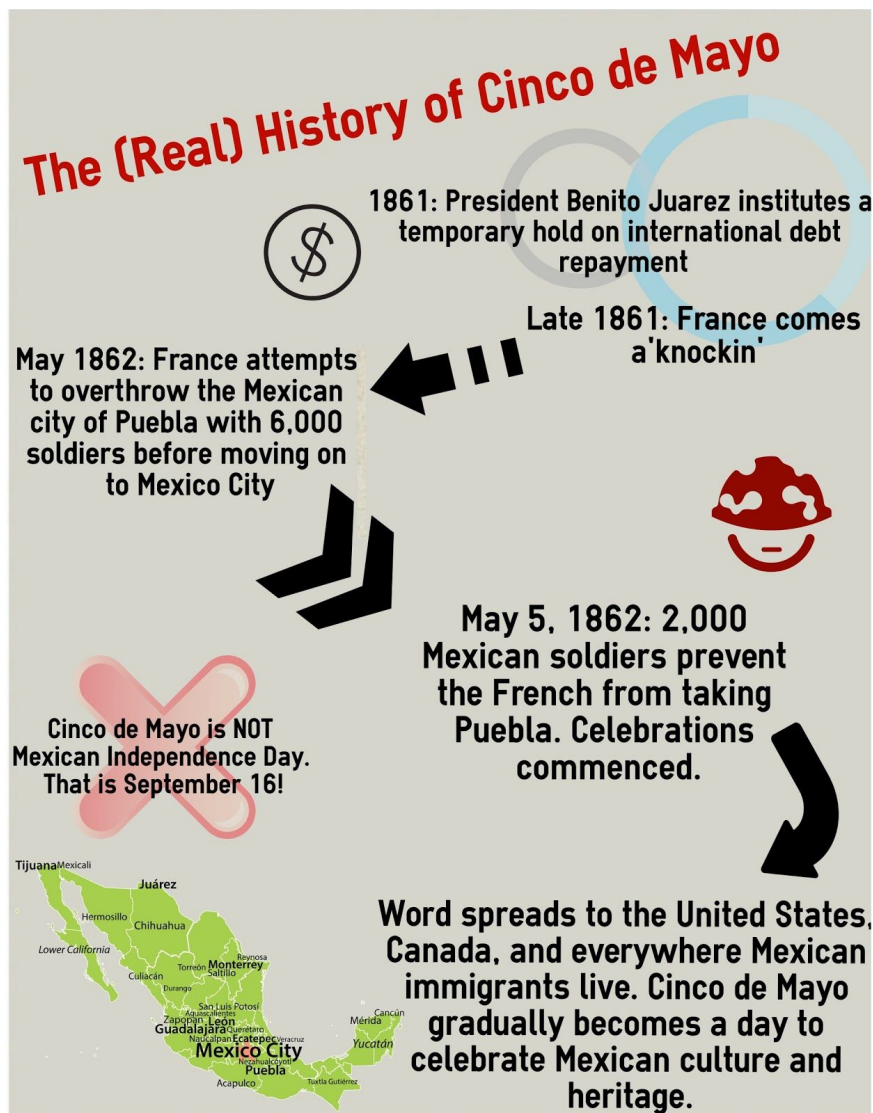

easel.ly

Keeping in touch

Blogs and classroom websites are the new bulletin board, and provide a great way to streamline "visual learning" even when your students go home for the night. Mix a few infographics into your website or social media, especially to attract visual attention and lead your class even when they're not in your classroom. Many teachers set up a basic template for infographics on their site that each student can customize, or allow students to turn in visual homework that they can post in the online classroom / website. This is a great way to engage kids visually with group projects, homework, or semester-long assignments. It also triggers that visual part of their brain which will keep them interested in the assignment, rather than clicking to their favorite junk sites.

History that sticks

Teaching a history lesson is, traditionally, painfully boring for students. While there are awesome history teachers out there, combining an infographic with particularly juicy information can make a student sit up and take notice. You may be talking about the Battle of Puebla, but finding a particular nugget of information to include in your timeline infographic can make the visual pop out, and therefore get retained, much better than text alone (and definitely more than a boring old lecture).

The (Real) History of Cinco de Mayo

1861: President Benito Juarez institutes a temporary hold on international debt repayment

Late 1861: France comes a'knockin'

May 1862: France attempts to overthrow the Mexican city of Puebla with 6,000 soldiers before moving on to Mexico City

May 5, 1862: 2,000 Mexican soldiers prevent the French from taking Puebla. Celebrations commenced.

Cinco de Mayo is NOT Mexican Independence Day. That is September 16!

Word spreads to the United States, Canada, and everywhere Mexican immigrants live. Cinco de Mayo gradually becomes a day to celebrate Mexican culture and heritage.

Numbers made friendly

No matter which subject you teach, you're bound to get in a tumble with numbers. Whether you have a headache of an equation, a handful of statistics, or just need your class to memorize a timeline, a catchy infographic is a great way to do it. You can display your data in a pie chart, a bar graph, or any other kind of diagram that fits your lesson best. You can even make it fun for everyone and have your students create some themselves! That'll definitely help them grasp the lesson better.
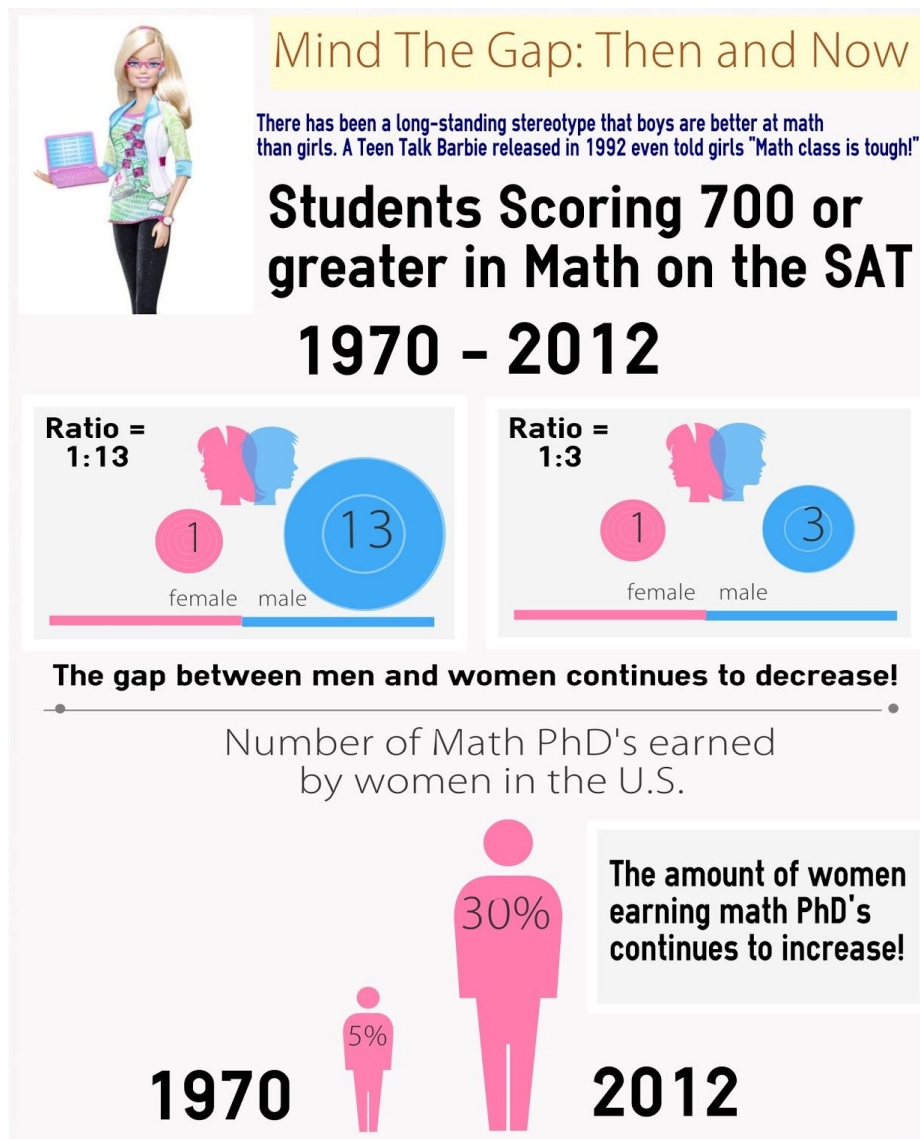
Rules

Every teacher has rules, right? That's just part of the job. Why then do so many of the students seem to have a hard time following the rules? Haven't you *told* them a hundred times? But that's just it - you *told* them. Think about all the ways you can use infographics to help *show* them. This can also be steps for a project, tips on how to do homework, proper procedure in a science lab, structure for their paper - whatever you want to show them, you can put it in an infographic.

easel.ly

computer lab rules

1. Follow the Acceptable Use Policy
2. Save work to your H: drive, Google drive, or USB
3. Access programs and websites as directed by your teacher
4. Keep water bottles stored on the floor
5. Log off once you are done using the computer
6. Clean up your workspace

Do's

Don't's

1. Bring food or beverages into the lab
2. Log on to or access someone's else account
3. Share passwords with others
4. Save on the computer's documents or C: drive
5. Use inappropriate language within digital communications

Translating books into information

You might be thinking, "But I teach English / literature! There's no way I can use infographics for my students." Actually, timelines and pathway infographics let kids put what they've read into a visual map or interpretation of events. You can use Venn diagram infographics to show similarities in themes or plots, or use charts to show how many times a character said a specific word. Whatever gets your students interested enough to look for data in your story, you're on the right track.

easel.ly
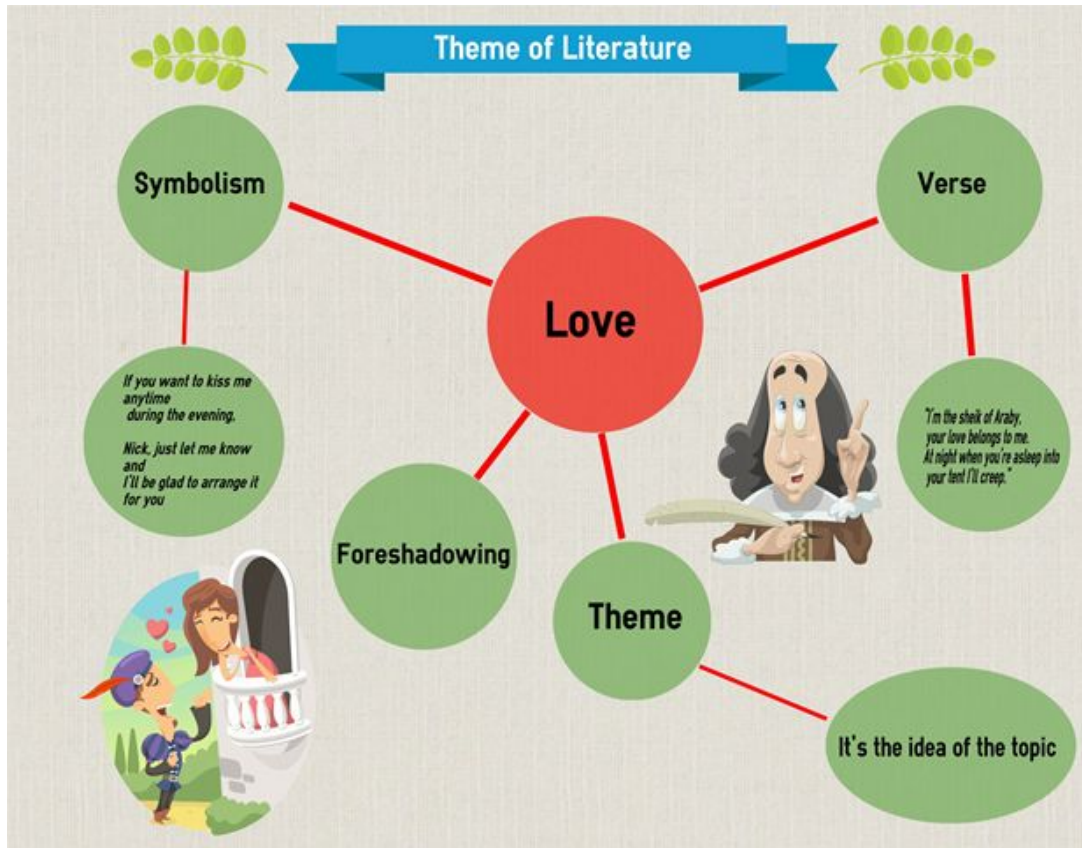
Revisit

By the end of your lecture, you can bet that most of the info from the beginning has already been forgotten. It's always good idea to run over the key points one more time before the bell rings or before a big test, and an infographic is the perfect format for it. Ditch the boring old bulleted lists and illustrate the lesson with a flowchart, or show how the points connect in a tree diagram. Get creative!
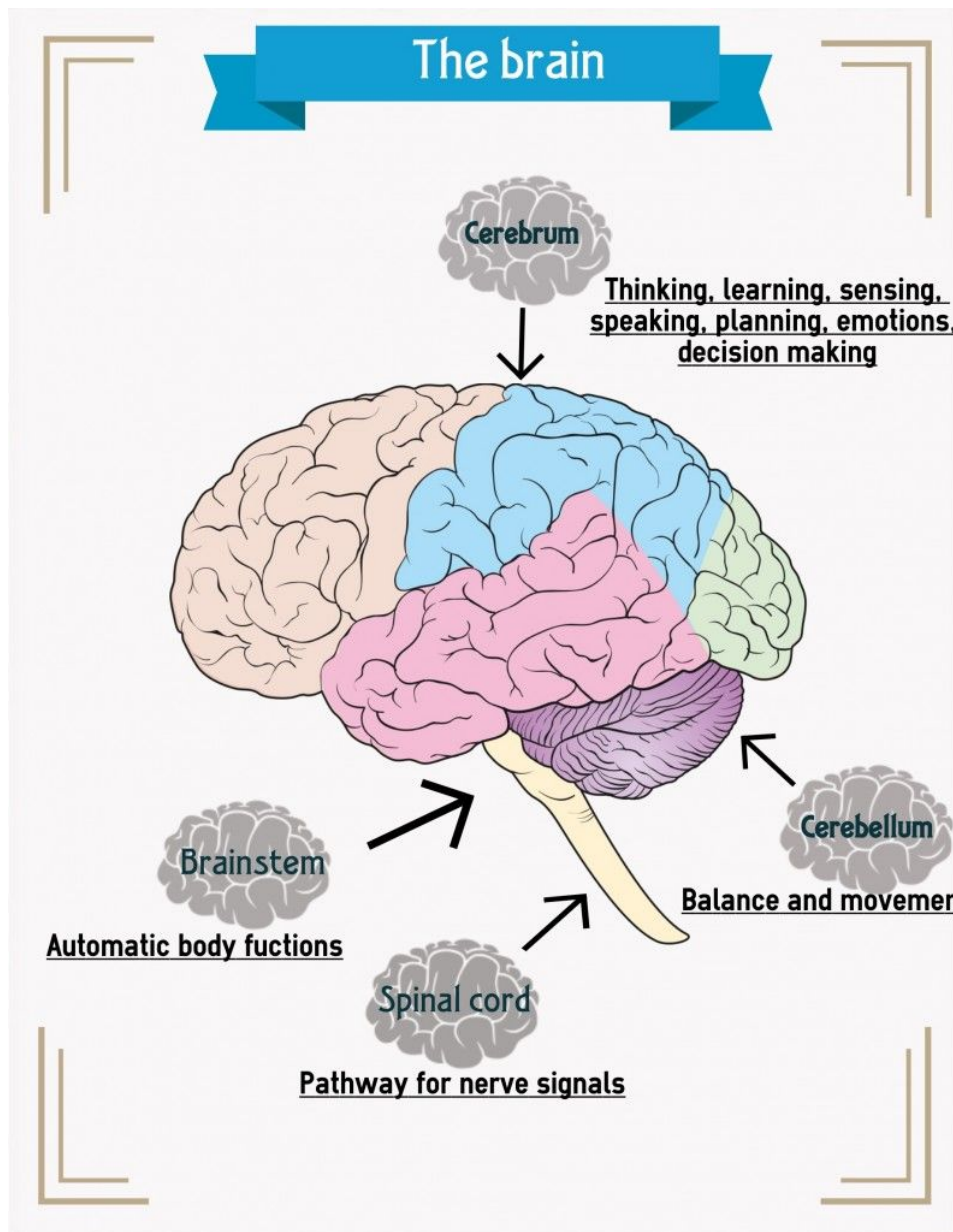
A cheat sheet for teachers

Let's face it; going through the same stuff over and over again in each class can be totally tedious. Your students may be hearing today's lesson for the first time, but you probably had to chew it over about a thousand times. So how about making a neat little cheat sheet template for everyone to use? You can put the basic points of your lesson in a colorful infographic and project it onto the wall, or print it out as a poster and stick it to the blackboard. You can use clear illustrations instead of headers, or have just a few short text points to hold an engaging lesson where your students are participating. Being involved will help your class remember all the information better, and since each class is different, you're bound to enjoy yourself more than having a specific script to read from!

A teacher's best friend

Infographics are a brilliant tool for anything a teacher might need. From a fresh and interactive way to present a lesson, through making homework less of a mess, to getting better test results and keeping communication easy - infographics are a new and novel format that fits this student generation. Clear, creative, and concise, you can share them easier than ever: attached to an email, printed as a hand-out, or

easel.ly

made viral on your class's favorite social network. Best of all, they're totally easy and fun to make. Easel.ly's online designer has a whole bunch of templates and custom elements to choose from, letting you put together unique and attention-grabbing content that matches your subject and students.

Need more ideas? Why not let the class take a poll or survey and report the findings in an infographic chart? Want to help students memorize data or specific points? Set up visual cues in your infographics with arrows, large graphics, or even images superimposed on the text. Don't be hindered by believing that you can only teach your subject one way; you can always make it visual!

Young Students Using Easel.ly

Modern classrooms and devices

It seems like even first graders have cell phones these days, and whether you teach in elementary school or in high school, chances are you've lost count of all the times you've caught kids texting in class. Most students nowadays practically live on their devices, which can be a huge nuisance for teachers. However, this can also be used as a huge tool to improve your teaching.

Students have changed, and schools are gradually changing as well. Classrooms have always used various video equipment, and a lot of teachers project lessons from a PowerPoint presentation - but this is pretty much old news.

The trick seems to lie in individual screens, and the concept of BYOD (Bring Your Own Device). For young people, who can find answers to pretty much anything within a few seconds, traditional lecturing methods are totally counter-productive. Instead, let them bring their electronic pets out of hiding and make new technologies a part of your classroom. E-readers, tablets, and smartphones can be invaluable tools for research, organization, communication, and pretty much anything related to learning.

The best way to keep your students from playing games during lecture time is to make your classroom into a playground: interactive, creative, and challenging. You can bet your students will be excited to have the

easel.ly

ban on their toys lifted, which means they'll respect their newfound freedom. Turn these gadgets into allies, and help kids learn ways to use technology for good.

Oakland Reads 2020: Aiming for 85% of Students Reading at Grade Level by Third Grade

READING SUCCESS SUPPORTED BY SCHOOL READINESS, ATTENDANCE, SUMMER LEARNING, & FAMILY ENGAGEMENT

Reading Success

3rd Grade Reading Proficiency

Only **38%** of 3rd graders are reading at grade level

GOAL	85%
White	77%
Asian	54%
Average	38%
Afr Amer	27%
Latino	21%

32% of 3rd graders are English learners: this is almost 1,000 students that need to be brought to proficiency.

70% of fluent bilingual 3rd graders are reading at grade level

1 2 3 4 5 6 7 8 9 10

School Readiness

Only 54% of children enter OUSD with early literacy skills.
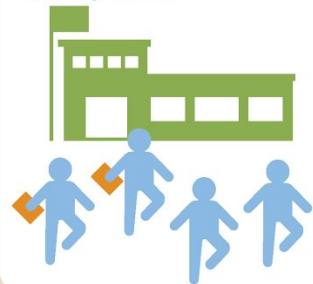
Attendance

Chronically absent 3rd graders are **3x** less likely to read at grade level.

3rd graders with ONE OR MORE SUSPENSIONS are **50%** less likely to READ AT GRADE LEVEL than students with no suspensions

AFRICAN AMERICAN 3rd graders are **3x** more likely to be CHRONICALLY ABSENT AND SUSPENDED once or more.

Summer Learning

Students served:

Oakland Fund for Children and Youth 1,544
OUSD Summer School 5,012
Oakland Public Libraries 9,372

Family Engagement

A School Quality Review process rated 20 elementary schools on FAMILY ENGAGEMENT:

around learning expectations 2.5
1 2 3 4 5
around student progress 3.25

Source of data for all except Summer Learning: Oakland Unified School District 2012-13

Easel.ly's online designer

Easel.ly is a web application that allows you to select and drop themes, backgrounds, objects, and text onto your canvas to create visuals. After you register with the site (which allows you to save your work), you can start from scratch with a blank canvas, or you can edit an existing theme.
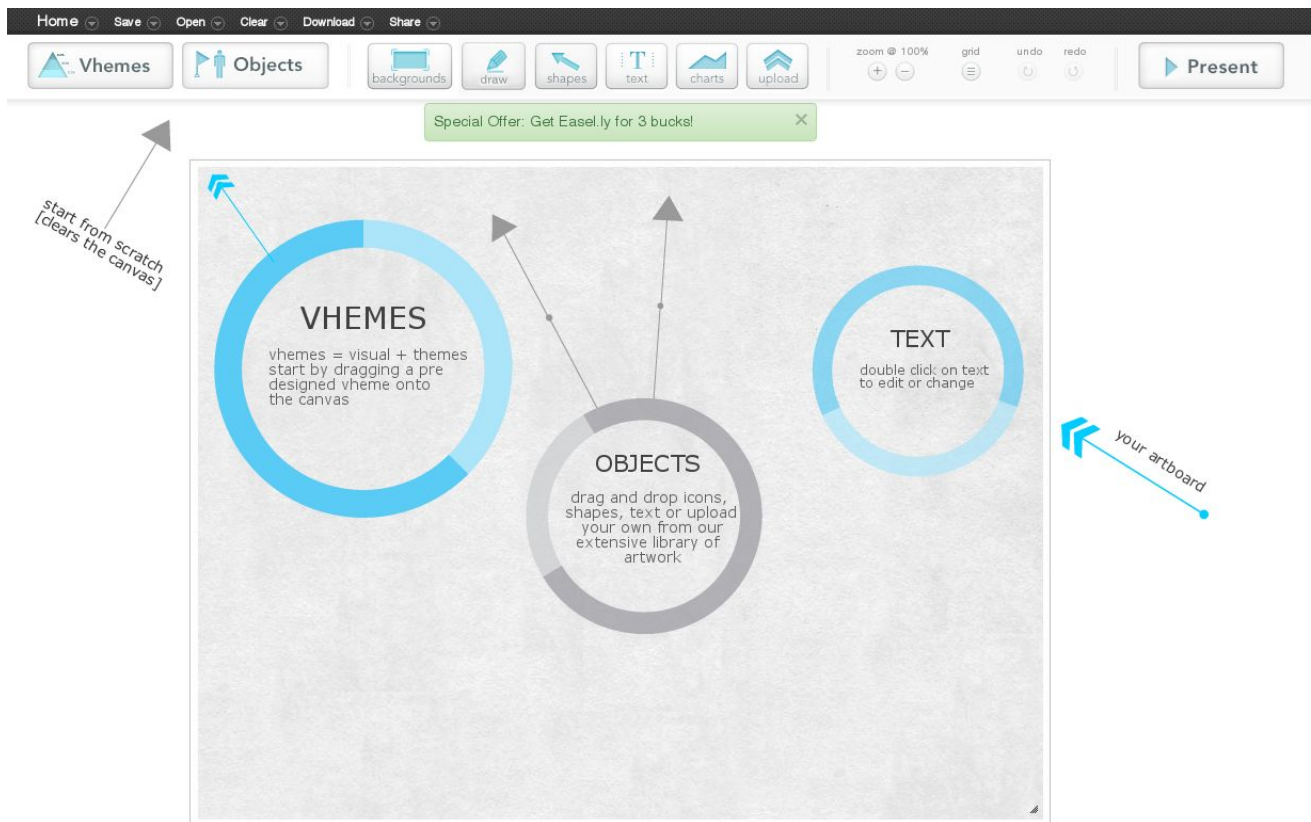
easel.ly

All of the tools and objects for your visual graphic can be accessed from the Easel.ly menu bar. For your convenience, the opening canvas will point to some of those features, as it is the place where you get started. However, you will of course want to research your topic of choice, make some sense of the data or facts you wish to present, and think about the look and feel you're going for. After that, you're limited only by your imagination.

If you don't have the skills or the time to create an infographic from scratch, Easel.ly provides several hundred infographics that you can choose as a template to get started. In Easel.ly, you just choose the visual theme you want (we call them "Vhemes") by clicking the Vhemes button, which opens the current collection of themes where you can select one to drop onto your canvas. Of course, if you change your mind, there's the handy "Clear" option in the menu bar to wipe your canvas for a new Vheme or a project.

easel.ly

2nd Scientific divulgation poster competition

Elegibility
-Current UASLP undergraduate student
-No teams, one student per poster

Judging criteria
Originality
Oral presentation
Visual clarity
Data presentation
Completeness:
-Title
-Author
-Introduction
-Dissertation
-Discussion
-References

THEME:
"The future of neuroscience"

Poster requirements
-Width (side to side) 96 inches
-Height (top to floor) 48 inches

Prizes
There will be prizes for 1st, 2nd and 3rd place. All the participants get a participation diploma.

BAW 2016

For more information send an email to:

How Easel.ly can help you

Infographics come in a variety of forms, including animations, interactions, and integrations into web pages, videos, or any other form of presentation to further enhance the impact of the information. There are thousands of infographics on the Internet today, and nearly all of them can be categorized into the following formats:

- Timelines
- Flowcharts
- Processes
- Geography or maps
- Venn diagrams
- Statistics or graphs
- Relationships
- Descriptions
- Hybrids of some or all of the above

We offer all of these and more, so come check out Easel.ly for yourself! For a first time assignment, maybe you can have your students create infographics as part of a research project. This will get them familiar with our online designer and help them grasp the basics so they can do the next project you assign better and

easel.ly

faster. This is beneficial for them, not only so that they become more familiar with the Easel.ly Creation Tool, but because they absorb information surrounding the topic or issue they're putting into visual format. It also helps students learn how to narrow down their findings into concise, clear points. This is a great tool for their future education, as well as life in general - you have to take what's most important from something and apply what you've learned quickly.

How to teach infographics in a class setting

You may be thinking that, although you really like what infographics have to offer, you're not really sure how they work in the classroom. You might also be concerned that you don't have the means (devices, Internet access, etc.) nor the expertise to create custom infographics with or for your students. However, infographics are a fantastic and provoking way to demonstrate material within your classes, plus they are quick and easy. While it does help to have knowledge of graphic design or programs such as Photoshop or Illustrator, you won't always need to rely on these. There has been a lot of progress in making infographics and "design" projects easier for everyone.

Does it still sound like too much? Let us take you behind the curtains and show you more of the technology that Easel.ly possesses that can help you organize, lead, and teach your class efficiently!
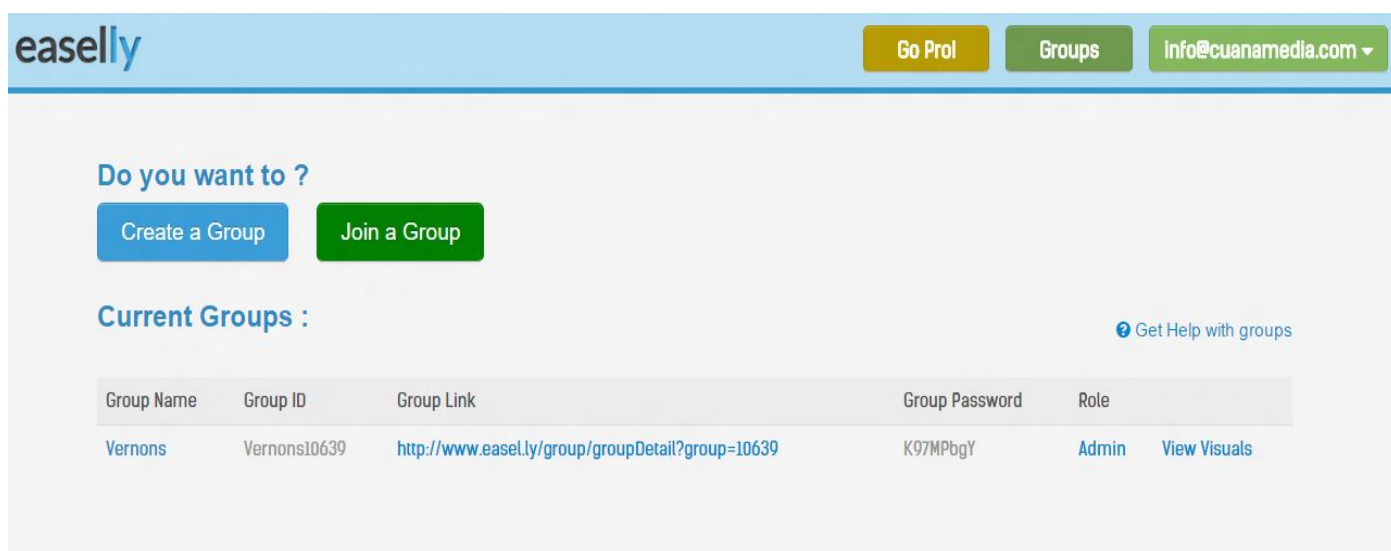

easel.ly

One of the most common complaints we hear from teachers is that managing a classroom today can be hectic and difficult. It's hard to teach kids who are easily distracted, or to keep their attention from wandering back to their devices or each other. Teaching kids how to use infographics in their own assignments sounds overwhelming, too, but Easel.ly has taken the "one teacher, many students" problem to heart and created an easy system that lets you show a large class how it's done.

With Easel.ly, you can create groups of student accounts (or if they are minors, you can use a unified class account) and manage them with ease. Here's how:

Groups has two great features that we think you're going to love:

1. You can create an account without the need for an email address
2. You can see everyone's infographics in the group

Below are some simple steps to get you started:

1. Login into your account
2. Select "Groups" from the top right
3. Select "Create a group"
4. Insert a group name
5. Insert a user name and select "Add" – repeat for as many users as you want to add to the group
6. Now select "Create" – You should see the form below

easel.ly

MyWorkGroup

Add user name [ ] **Add**
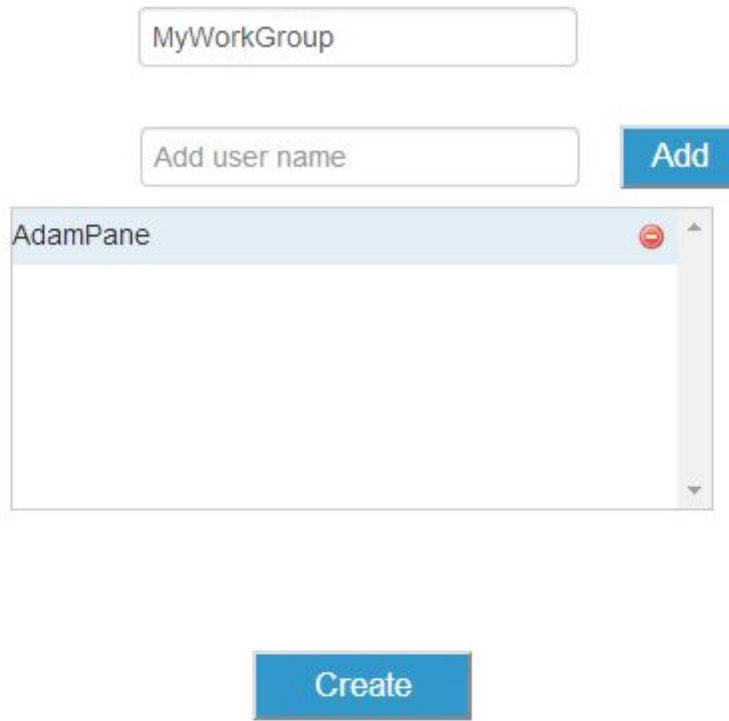
AdamPane ⊖

Create

- All users you have created now have the password :
  YwMPaUEc
- To allow users who already have an account, give them this
  Group ID : MyWorkGroup229 and ask them to join the group.

7. All the users you just created now have the password: "YwMPaUEc"

   So "AdamPane" is the user login and his password is "YwMPaUEc"

8. If you want to add new users ("Admin") or see all the infographics in the group ("View Visuals") –

   just select the "Groups" option again and you will see the group you just created.

Who can see my work?

You are free to do whatever you like with the visuals you create through Easel.ly, and we do not sell your information that you submit on our site. By default, your visual is not shared with our community. Other users can't search, see, or reuse your work unless you make it public. To make your work public:

Step 1: Go to "*Share*" under the infographic that you would like to share.

Step 2: Next select "*Public*" from the dialog box below.

It's complete! Once you've marked it as public, it will become available on the home page of Easel.ly for people to reuse or search for.

We built it, we support it!

We pride ourselves on our Customer Support, and we improve upon it every day. It's always highly appreciated when someone takes time out of their day to think about us, ask questions, or leave comments and suggestions. This is why we make it so easy for people to reach us:

Call us: +1 (425) 533-24-06

Send us an email: support@easel.ly or simply use our contact form http://www.easel.ly/contactus

Prefer social media?

Drop us a tweet https://twitter.com/easel_ly

Leave a comment on our Facebook page https://www.facebook.com/easel.ly/

easel.ly

Easel.ly is a tool that is both easy to learn and easy to use, and we strive to move forward with those two principles. In comparison to other software, proprietery or not, paid or free, Easel.ly can perform equally or better. We also strive to save people time in the creation process, as well as allow them to create the most engaging and informative product possible. Of course, given the amount of reusable images and templates, you might be concerned that you won't have full creative control, but there is more to Easel.ly than meets the eye. Our "vhemes" let you tailor your graphics specifically to your subject, and the "Start fresh" option lets you develop a unique theme that gives your ideas life.

Wondering why you should choose Easel.ly instead of other, more customizable tools? Because the aim of the Easel.ly Creation Tool is to quickly and easily create quality infographics that get the message across. Our program is for those who lack the time and ability to generate graphics and themes on their own, with minimal hassle and stress. Easel.ly does that in spades, without overwhelming users with complex tools or requiring them to earn a graphic design degree. Students and teachers alike can benefit from using and learning how to create infographics, as visuals will continue to be the medium of choice for the foreseeable future.

easel.ly