My only qualm with the clicker is that sometimes I'll try to punch in an answer only to find that I've been disconnected, so I have to reconnect and answer until it works, and often I run out of time before I can get my answer in because of it.

Clickers force students to take an active role in the class.

A lot of the time, people next to me tell me the answer to the clicker question during "discussion" period before I've had a chance to think about it myself.

I hope that as we get into more difficult material the class will become a bit more interesting. I'm not sure if it's because I took a Pre-Chem course over the summer, but I have found the course to be a lot less engaging than Physics.

Even though the speakers are loud enough, it's hard to make out the words sometimes. Sound quality doesn't seem very good.

The clicker is a really helpful tool.

Overall, I'm enjoying the class thus far and I found the test better than I expected. My only gripe was that I was unsure of whether it was just an exam or if it was a midterm. (That might be a stupid question, but I never got it.)

I would like my clicker answers to show up with my UNI because it is very hard to recognize the long alphanumeric code in such a short amount of time.

It would be helpful if we were explicitly told what the code for the clickers are every day. Also, why aren't our UNIs showing up on the screen yet? I have no idea if my vote gets accepted!

The clicker is very helpful.

I think it's a little inconsiderate for each student to have to buy a $35 clicker just so we can "participate" in lecture. It is widely accepted that in a lecture of 100, it is nearly impossible to teach a significant amount of material and have everyone participate on a personal level. The clickers seem unnecessary and expensive.

The clicker was just one more component that allowed students to engage more actively in the class. It was quite helpful.

I think the cost was unnecessary – this is NYC after all. Columbia's expensive enough without having to drop an extra $35 on a clicker. That could have been a week's worth of groceries!

I think the clicker questions break up the lectures nicely. I even think one or two more clicker questions per lecture would be great (the more challenging the better). Right now it seems that we have around 2 per class and sometimes they are quite easy.

Yes I bring them.
clicker problems aren't too challenging...

The clicker is alright, but aren't we paying for enough as students? It's a rip, especially coming from the bookstore- maybe next time you can offer it directly from the chem offices where they won't mark it up for all its worth?

One class when I was sitting next to a friend, only one of our clickers would work at a time--one would refuse to register and answer while the other had no visible problems whatsoever doing so. Perhaps they have the capacity to interfere with one another...?

I think this survey is poorly crafted.

Clickers are alright

I do like the clicker because it allows us to see how we're doing in comparison to the class, but the questions so far have been pretty basic, and aside from one or two, have drawn the same conclusions from much of the class, so no comparisons can be drawn.

As the material gets increasingly difficult i feel that the exam questions should be similar to the material that we cover through our recitations. This is because I feel that we get to understand and apply these concepts much more effectively as the semester goes on.

I think the clicker questions could be harder - more like the questions on the exam.

the clicker was a fun way to participate in class and see where you stand among your peers, as well as meet those sitting around you that you might not have known previously.

clicker is good because it keeps us active in class

make the clicker questions a but more difficult, or use them to correct our paradimes

clicker was very interesting

When I have had a problem with the clicker, I have had to turn it on and off. By the time I reset the clicker the time to answer the question has passed and I dont get a chance to put in an answer... This has only happened like 2 times.

I don't find the clicker overly helpful or detrimental. I'm neutral. Sometimes it's hard to see the choices or a little confusing.

sometimes when the clicker doesn't work, turning it off and on again fixes it. but it takes time to re-enter the connection number, leaving little time to answer the question.

I think the clicker problems should be more challenging
often the clicker will not register my answer, which is frustrating.

It would be better if we had more time with the clicker questions.

One issue regarding the clicker questions. I think 2 or 3 times there have been typos or general errors with the clicker questions. It would be appreciated if the questions could be reviewed before class to make sure there are no errors. I can remember at least 2 errors already on clicker questions and it seems unnecessary. thanks.

I like it when Professor Turro adds a few more seconds to the response timer, just because I sometimes get disconnected when trying to put my answer in and it takes me a moment to get reconnected and to submit my answer. Sometimes it's really down to the wire. CHEMISTRY DRAMA! Other than that, I love the clickers and get excited when a clicker question comes up.

Half way there!

The clicker usage during the class is very helpful

The clickers are good, but the time to answer them is insufficient because sometimes it rejects letting me sign in, forcing me to forfeit the much need extra points!

It's a ok.

still not a big fan of the clickers. I think we can still raise our hands to answer questions.

On several occasions, my answers to clicker questions did not appear to register even though I entered the clicker number for the day.

I sometimes have trouble with clicker but other than that everything seems fine.

Please let us know in the beginning if the clicker system is reset, because I've registered my clicker in the beginning and it went offline in the middle of class.

There should be a certain amount of absences that don't count against us on clicker questions especially for religious holidays

i think clickers are marketing scam.

Some people just cannot afford a clicker.

Sometimes the clickers don't work and time runs out before I can reconnect the clickers and resubmit my answer.

Sometimes I misread the side projector. I am on the opposite side of the class. ...I should bring my
glasses.

Sometimes it seems not really helpful to use the clickers. Using the clicker is definitely fun and interesting, but I still don't get why it is so widely used in class.

MORE TIME TO ANSWER CLICK QUESTIONS, PLEASE!!!!!!!!!!!!

The grading system for using clickers is not very effective. If the maximum you can get is 4 points and you get 1 point every time you submit an answer (even a wrong one), then you can answer 4 questions and never come to class. I think it would be better if you can get a max of 25 points which can be used to replace a recitation quiz [or the 4 points on the final grade.]

helpful, fun break from class

like them

Clickers are a waste of time and MONEY. I don't think they have helped me at all. I would much rather had gotten extra credit based on taking attendance in the conventional manner than with the clickers. I think it is an expensive way to get a few points, which might not matter at the end.

Fun and engaging. Best part of the lectures.

Exciting

Able to participate and concentrate more to the class

Clickers are a great idea, however there are technical issues at times. Sometimes the clicker wouldn't let me enter an answer even when I have my clicker on the correct channel and everything.

it's good, keeps me involved in the lecture

They work well and they get the class involved which keeps them from falling asleep.

usually need another 15 or 20 seconds with the options up on the big screen. it's too easy to accidentally put in the answer you don't mean to in the rush

I like them. Gives me a chance to think on my own in class.

there was one time that my clicker wouldn't let me enter an answer even though it was connected

They work well. The system is fine. I have not used them very often because I did not attend some lectures.
Sometimes mine doesn't work.

I love the clickers. It's a great check to make sure I'm getting a decent grasp of the material and it's allowed me to make a couple acquaintances in lecture.

I honestly came into the class thinking I would hate the clickers but I came to enjoy them (I still don't think the $35 spent was justified though). It really helps everyone apply what they've learned in the lecture and also promotes friendly competition. I have fun trying to be the first uni in the list and often compete with my friends to get that spot. It makes the lecture much more lively.

I bring my clicker to class everyday and I think it is a wonderful tool. I look forward to the clicker questions because it is a fun way to test what you have just learned and interact with fellow classmates.

So far, it has been going okay. I have only had difficulty once or twice with setting it up before class.

I have had trouble connecting, thus missing out on points. It is somewhat frustrating.

They're great tools for evaluating your understanding of the material.

The clickers have proven to be more helpful in preparation for this second exam than they were before the first exam. (I guess that was just because they were new and being set up and all of that...) Clicker questions are pretty helpful, and sometimes I wouldn't mind seeing more of them.

Not bad, but questions could be worded a little bit better.

They kept on malfunctioning and I have to enter and reenter many times. Otherwise, it's fun.

Love them! I can see whether a problem was just difficult for me or for many students in the class.

it's hard to connect..

Clickers help you to get the little questions that you won't pay much attention too and that is helpful.

somewhat useful

it's a great concept. I hope Clickers is a requirement next year, so I can sell mine at a fair price.
They are just annoying...

I don't get how pushing a button makes you more actively involved in class then you would be just working out the problem in class w/o it.

Now if we had buzzers and a little competition... that might be more exciting.

Plus I have to remember to bring it, and every time a clicker question comes up in class I have to turn on and set my clicker which sometimes takes a few tries and by the time I do that, I have to find out what the question was cuz I was too busy fiddling around with the stupid clicker.

I think taking notes is much more engaging... like it or not

Completely useless.

They are okay

Easy and engaging.

I find them worthwhile and a way to keep your head focused during lectures.

I enjoy using my clicker because it keeps me feeling involved in the class.

The clickers are helpful. Sometimes my clicker doesn't work properly, but usually it does.

Clickers work well!

I like them, because they show us examples of questions that are similar to the homework, quizzes, and exams. It allows us to get direct feedback and explanations, which is extremely helpful. Like I said before, examples are how I learn.

neutral but glad it gives us the opportunity to gain points

They work fine. Sometimes I feel rushed to answer quickly but I think they are helpful.
I hate them
they are ineffectual
they are engaging, but not extremely helpful
I like them. And i think that the amount of questions per class are perfect
I have been enjoying the clickers so far. I think that they help clarify difficult concepts as well as give an idea of the type of exam/quiz questions that might be asked on a certain subject.
Good.
good. Great way to keep the class involved.
The clickers are a fun way to stay involved with the class.
Sometimes my clicker randomly won't work. This has happened to a few of my classmates, too. Sometimes it won't register a response even if it had been registering the response for the questions right before.
The clickers are great since they validate what we've just learned
The clickers are good because they make class more interesting. But we have had way too many instances where either the question is not worded properly, or there is an error in one of the answers, such that the question is ruined and we either don't get credit or the class just gets confused and the error has to be explained away.
The clickers are very useful tools. It allows me to actively engage the class material and my other students making the general lecture more interesting.
They are fun to use.
I like them a lot. It helps me understand how to apply the lecture and it helps me understand one topic before we move onto another one.
it's ok.
Easy to use, except for occasional technical errors.
Clickers are a nice way to interact with the material, also it is nice to work with fellow students.
Ehh... they're okay
Okay.

Good

Clickers work fine, but are not related to recitation.

The clickers are fine. They do not necessarily help me understand the topics more thoroughly, but the explanations of the questions afterward do.

I find the clickers questions to act as a break to lecture time, which keeps me engaged throughout the lecture.

I have some difficulty using the clickers, and have found that my answers occasionally do not seem to register on the screen. This is frustrating because I am missing out on extra points.

great idea, but the questions there are too easy compared to the exam/quiz questions. More quizlike/examlike questions or clickers would help

I think the clickers are good because they help reinforce ideas, but they don't always work. On 2 occasions I've not been able to answer a question before the time ran out because my clicker blinked red and did not register.

The clickers are an interesting idea, but I often have trouble registering my answers...

good experience

i think we should have more clicker questions

They do not seem very useful. I wish the clicker problems were more difficult.

It works pretty well.

I love the clickers, but on the technology itself, I think that there should be a clearer way to see if you are connected.

When clicker questions are done, I think that the question should remain on the big screen and the clicker screen on the smaller screen on the side

The clicker questions have progressively gotten more helpful in understanding the material. They are the only part of the lecture that even comes close to applying the theories that we are learning about. Ultimately, however, it has taken half the semester to get the clicker process up and running and I absolutely regret spending the $35 for a measly 4 points. Keep the questions and go back to the old-fashioned "raise your hands" method.
Biggest rip off in the world. I paid $30 for 4 points. That's a crime. Take a poll in class with a raise of hands in stead like has been done for decades. We are spending so much money already- don't bribe us with points to make us purchase clickers. The professor never really goes over the correct answer anyway.

I always forget mine. Clicker questions are way too easy. Do not prepare me for exams.

Sometimes they work, sometimes they don't

Sometimes my clicker loses connection preventing me from participating in a clicker question.

I enjoy the clicker questions, although at times we are a little short on time especially when we need to find a periodic table to consult as well.

I think they're a good way of getting everyone more involved in the lectures. I really enjoy using them.

Clickers are cool.

The idea of the clickers is an interesting one and certainly encourages involvement in class, which I think is good in these large lectures where it is easy to not be involved at all. There have been occasions when my clicker hasn't worked in this last week or two (even though I have registered the number for the day, I get a red light when I enter an answer). I have seen this happen to others as well.

It is a good way to interact with the lecture

I don't use them.

I like the using the clickers in lecture.

I do not own a clicker.

Sometimes they work. Sometimes they don't. When they don't work, it sucks.

I like using the clickers in class. Mine has been buggy once or twice resulting in me unable to answer a question but other than that I like using them in class.

Clicker questions are useful because they help us to practice using the equations.

The clickers are a useful way of orienting my attention during lecture since they provide an instant assessment of my understanding (or lack thereof) of material being covered at that
moment. I especially appreciate how Professor Turro goes over the answers on the spot so that I can at least correct my understanding before it gets submerged by whatever is presented next.

Using the clicker was fun and interesting, but I don't fully understand why it is so widely used in class and told to be helpful.

dont use it

They are a good way to keep me focus and give me a better understanding of the questions that could be asked of the certain material that we learn.

clickers are somewhat helpful

i have found the clickers to be helpful

LESS ‘TRICK’ QUESTIONS.

I have had a good experience. They definitely help keep me involved in the lecture. It might be better if they were better spaced out though because they really help rope me back in when my attention begins to drift.

I really like this system! It's definitely a good check to see whether I've understood what Prof Turro has just gone over.

I am still trouble in using my clicker.

I attended every class and participated in all the clicker problems. However, sometimes I missed the time to click answers, cuz it took a while for me to get ready.

The CLICKERS have been helpful in keeping me engaged with the lectures.

I like the clickers. I think it is a great way to highlight important concepts.

I really dont like them. There is never enough time to think about the answers in class as they are usually about new concepts that I don't yet fully understand.

Often times my clicker has not worked even if it connected to the system at the beginning of class.

Waste of money! Seriously – for the people who aren't trustafarians, do we really need to spend the extra $35??? That's a meal I'd rather have.

I don't like clickers.
Not a huge fan. Half the time, I don't think it's working properly. Good way to encourage participation... feels a little like a game show.

They are fun and cool. I find them useful.

It's been great to participate in the class and feel like part of the class.

A bit too much money for their purpose but other than that using them is ok, hasn't done too much for my learning.

Somewhat helpful.

Overall, I think that the clicker questions are more useful than using the actual clicker. My clicker works sometimes and not other times.

I love them. The clicker questions are great for making sure you understand what was just taught and it presents the information in the form of a question rather than a bullet on a slide.

I forget it often. That sucks.

I like the clickers because it allows me to participate in the lecture.

don't like it