

Sneak Peek!

Slime Cells

Cells are made up of slimy cytoplasm, small floating organelles, and the central nucleus. They can be difficult to see, so how can we model them? The answer is right in front of us... using slime!

Oh, to be a stick bug hiding amongst neighbouring branches. Build your own creatures adapted to the outside world and scavenge to find where everybody's creatures went!

Scavenger, Adaptor

BiodiversiCAD


The wind against my skin, the clear water I drink, the birds flying high above me, and the tall trees swaying in the wind... how do these things interact? Design an ecosystem in TinkerCad that can sustain interactions between your favourite species!

My message can only be unveiled by the strongest minded, quickest brain in... chemistry? Make yourself a hidden message that will be revealed at the end of the week using a secret chemical combo!

Invisible Ink

Spectacular Spectroscopes

It's above us, it gives us light, and we see it every day... what is it? The sun! Learn how scientists discover what exactly stars are made of by building their own spectroscope.




This arcade needs some new games, and you game developers are needed to code some stories! Down the rabbit hole you'll go, finding loops, if/else statements, and maybe even the odd Python. `print("It's time for you to code their own adventure!")`

Code Your Own Adventure

Cardboard Carnival

University of Waterloo students are bored, waiting for something new – we think a carnival is the solution! The city has given your team a budget of \$30 and 45 minutes to build an amusement park ride – can you pull it off?




The forest is dark at night, and we need a way to get out... what will guide us through? A flashlight! Solder yourself a small circuit night light, which can sense darkness!

Night Light

Earth Sciences Exploration

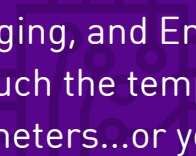
Over centuries, life has come and go. Of course, we can't see all this happening... unless we can? Fossilization takes place beneath our very feet, and you're going to explore some ancient beings that have been discovered, all at our own UW!



The classroom needs some decor, but I don't want to increase my environmental footprint with plastic beads. A new alternative, plastic milk, has just been introduced, and you're being put to the test! Can you make decor without the environmental impact?

Plastic Milk!

Thermo-Tinkering



The weather is changing, and Engineering Outreach wants to test just how much the temperature has moved. We could buy thermometers...or you could build their own!



Two ultimate challenges, and two ultimate groups working together... Voyager B and Discovery A! Work together to build the tallest tower that withstands wind and asteroids, or build a snap circuit that is most useful for daily life!

STEM Buddies

Voyager vs. Voyager

One team versus the other – can you beat the challenges? Trivia, towers, and robotics come together to make the ultimate competition!

It's raining eggs! How can you work together to prevent an egg from cracking after being tossed off a staircase?

Falling From the Sky

Camp Trivia

Who remembers what they've learned this week? You're going to work together to see just how much you know, and just how much you don't, in this trivia challenge!

Get ready for a fun-filled final afternoon! Capture the flag, duck-duck-goose (water edition), and even getting to douse the leader – prepare for a great time.

Friday Fun!