

CGSS Periodic Scavenger Hunt 2020

Concept: Participants create teams of 1-4 to complete the scavenger hunt provided by the CGSS

Theme: Periodic table

Rules:

- Teams of 1-4 participants must register with the CGSS by July 20th 24th, 2020. Please email Sabrina at cgsscavengerhunt@gmail.com to register your team.
- The CGSS will email teams the Periodic Table template.
- Teams are tasked with finding each element of the Periodic Table in their everyday life, no chemicals from the lab!*

 - o The items that teams find must be comprised of at least 1% by weight of the element it is chosen to represent.

- Every item found only counts as one element, even if the item is comprised of multiple elements.
- Items will be grouped into broad categories for example:
 - o You cannot use different phones (of the same or different brands/models) to use in different elements. Only one can be used phone for a team's entire Periodic Table. This rule applies to all other items you may want to duplicate by using different brands.
 - o A larger item cannot be disassembled into its components to use in the Periodic Table (no disassembling electronics to take photos of for different elements).
- To show that a team has found an item on the list they need to take a picture with it (not all team members need to be in every photo, at minimum one person per photo to prove you found it).
- Once the picture has been taken team members need to upload it into the appropriate element tile on the Periodic Table template. Any photos to represent elements that are uploaded without a member of the team present will not be counted towards total elements found.
- If you have any questions, please email Sabrina at cgsscavengerhunt@gmail.com. You can email for confirmation on element use at any point in time before August 31st, 2020 to confirm the eligibility of the item you are using to represent an element.
- There will be weekly check-ins with teams to update the leader board weekly and evaluate elements found. This is to ensure that teams are on-track and aware of the status of other teams.
- Teams have until August 31st, 2020 to complete the periodic table scavenger hunt.
- By August 31st, 2020 all teams must email their completed Periodic Table template to Sabrina at cgsscavengerhunt@gmail.com for evaluation by two members of the CGSS that are not participating in the scavenger hunt for impartial judging.
- The judges will corroborate on which teams will be awarded the top prizes based on their judgements for validity of the items found for each element. Judges have the right to reject element submissions if there is too low of a quantity of an element in an item (no less than 1% of an item's mass can be comprised of the element it is representing), if the item has been repeated within a single the team's submission (as described above this is not allowed), or if the judges deem the submission invalid of ambiguous. Judges reserve the right to have final judgement on Periodic Table submissions.

- If you are unsure about item usage, please check in with Sabrina by emailing cgsscavengerhunt@gmail.com to confirm eligibility of an item.
- This is also why we are doing weekly check-ins, to ensure teams are on-track and can have a fair understanding of expectations for winning the prizes.
- The first team that collects all the items will receive the first-place prize.
- If no team finds all the elements then 1st, 2nd, and 3rd place prizes will be awarded according to the teams with the most elements found. The prizes awarded for most complete Periodic Table are gift cards of increasing monetary value from 3rd to 1st prize.
 - If more than one team has the same number of elements found and are eligible for a 1st, 2nd, or 3rd place prize, the monetary value will be split between the two teams.
 - Below are the prizes available to be won:
 - **1st Place Graduate Student Prize: \$200**
 - **2nd Place Graduate Student Prize: \$150**
 - **3rd Place Graduate Student Prize: \$100**
 - **Place Graduate Student Completion draw: \$40 x 3**
 - **Faculty & staff prize: science prize valued at approx. \$50 and team will become an honorary donor of \$100 to the CGSS endowment fund (\$100 from the CGSS budget will be contributed to the CGSS endowment fund with certificate recognizing the team)**
 - CGSS will contact the winning teams and ask for how the prizes should be split to fairly distribute the award to all members of the team.
- There will be three prizes for participation in this event. All teams that participated, except the top three teams, will be entered for a draw to win one of the three participation gift card prizes. These names will be drawn at random at the September CGSS meeting.
- The winners of the prizes will be announced to the department by the first Monday following the September CGSS meeting.
- *Chemicals can be used from team member's lab only if they purchase a tile. Tile purchase is \$5.00, and all proceeds will go towards the CGSS coffee time charity. The coffee time charities that were chosen by the CGSS this year are The Nature Trust of BC and BC Children's Hospital. This is a fun way to show the chemicals in your lab while also giving back to charity – don't forget to be in the photo with your lab chemicals! To purchase a tile please email Julie at juliemcn@chem.ubc.ca and cc Hayden at scheiber@chem.ubc.ca before August 31st, 2020. A maximum of 5 elements can be purchased per team.