1. The title of my project is ‘ChemXpert’.
2. The goal of the game is to win the most no. of coins by completing three tasks related to chemistry.   
   Task 1] Match atomic symbols to elements.

Cesium (Cs)

Chromium (Cr)  
 Cobalt (Co)

Zinc (Zn)

Tin (Sn)

Oxygen (O)

Task 2] Make the precise structure of the molecules.

NaCl (Sodium Chloride or Common Salt)

Mg(OH)2 (Magnesium Hydroxide)  
 H2O [Hydrogen Oxide, Ice (solid), Water (liquid), Steam or  
 Water vapour (gas)]

H2SO4 (Sulphuric acid or oil of vitriol)

CH3COOH (Acetic acid found in vinegar)

C6H12O6 (Glucose: the simplest sugar)

Task3] Pick your favourite element! It’s no mean task to choose 1 element from a table of 118 elements. Answer quicker than 10 seconds and you will get extra coins!

We use this money for building a lab to continue research in chemistry.

1. The player is given three tasks related to chemistry. He/ she has to complete those in the least possible time to win coins and the game.

|  |  |  |
| --- | --- | --- |
| Number | Character Name | What can this character do? |
| 1 | Chem\_Xpert\_To\_Be | Solve the tasks given in the game. |

|  |  |  |
| --- | --- | --- |
| Number | Character Name | What can this character do? |
| 1 | Mr. Atom | Give tasks to the players |
| 2 | ChemXpert | The PC after clearing the tasks with distinction |

I will make the tasks nor too difficult nor too easy. I’ll make all the characters look a little funny.

The rules of getting coins:-

1] For every correct answer in Task 1, you get 30,000 coins.

2] For every correct answer in Task 2, you get 50,000 coins.

3] If you pick your favorite element after 10 seconds, you get 100,000   
 coins.

4] For every incorrect answer in both Task 1 and 2, you lose 20,000   
 coins.

5] If you maintain a 3 correct-answers streak in any task, you get   
 extra 20,000 coins.

6] If you give all answers correct in any task, you get extra 40,000   
 coins.

7] If you maintain a 3 wrong-answers streak in any task, you lose   
 extra 20,000 coins.

8] If you give all answers wrong in any task, you lose extra 40,000   
 coins.

9] If you pick your favorite element before 10 seconds, you get 50,000   
 extra coins.  
10] If you have a minimum of 40,000 coins in the end you win!