ATOM

LEARN PERIODIC TABLE IN VR

SARY ELMELEGY, ROBINS MATHEW, BIMALESH SAHOO,

USER FLOW & STORYBOARD

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@SARYALEXANDRIA

LEVEL : NOVICE

150/2000

OPEN PERIODIC TABLE

PLAY COMPOUND GAME

THE POP QUIZ

LEADERBOARD

SPLASH SCREEN

THIS SCREEN IS THE MAIN MENU. USER GETS TO ENTER THE PERIODIC TABLE AND ALSO OPEN OTHER GAMIFICATION OPTIONS. USER ALSO GETS TO VIEW HIS LEVEL AND HIS POSITION IN THE LEADERBOARD.

PERIODIC TABLE SCREEN

THIS SCREEN DISPLAYS THE ENTIRE PERIODIC TABLE
IN A 3D VIEW. HERE THE USER GETS TO PICK ANY ELEMENT.

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HELIUM

NOBLE GAS

SYMBOL

HE

ATOMIC NUMBER

2

ATOMIC WEIGHT

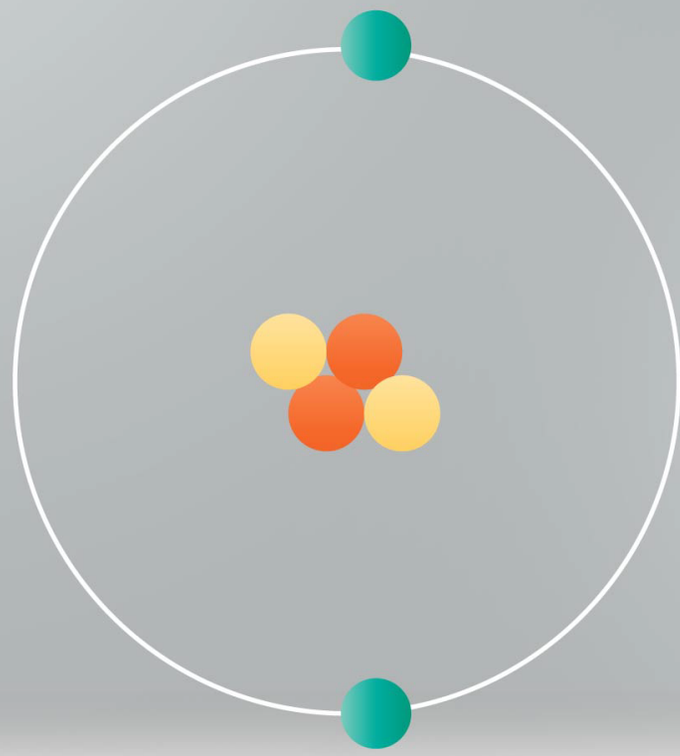
4.002

NEUTRONS

2

PROTONS/ELECTRONS

2



DETAILED VIEW - ATOMIC STRUCTURE

WHEN ANY ELEMENT IS SELECTED USER GETS TO SEE THE DETAILS ABOUT THE ELEMENT. ALSO THE ATOMIC STRUCTURE WILL BE VISIBLE IN LIFE SIZE 3D.

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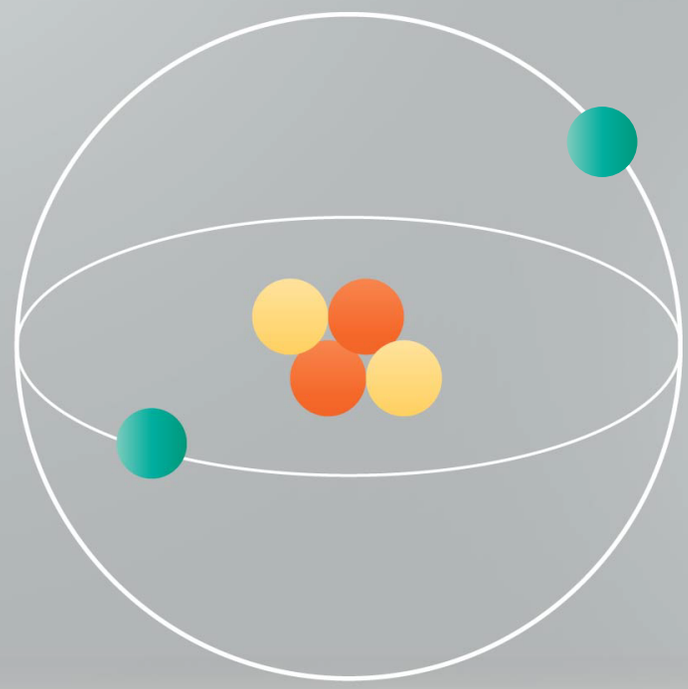

DETAILED VIEW - ATOMIC STRUCTURE

HERE THE USER ALSO GETS TO INTERACT WITH THE ATOMIC STRUCTURE BY FLIPPING IT AROUND AND WALKING AROUND IT TOO TO HAVE A LOOK AT THE ATOMIC STRUCTURE IN DETAIL.

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GAMIFICATION

APART FROM LEARNING ABOUT THE ELEMENTS. USER CAN ALSO PLAY GAMES TO REVISE HIS LEARNING THROUGH DIFFERENT INTERACTIVE GAMES

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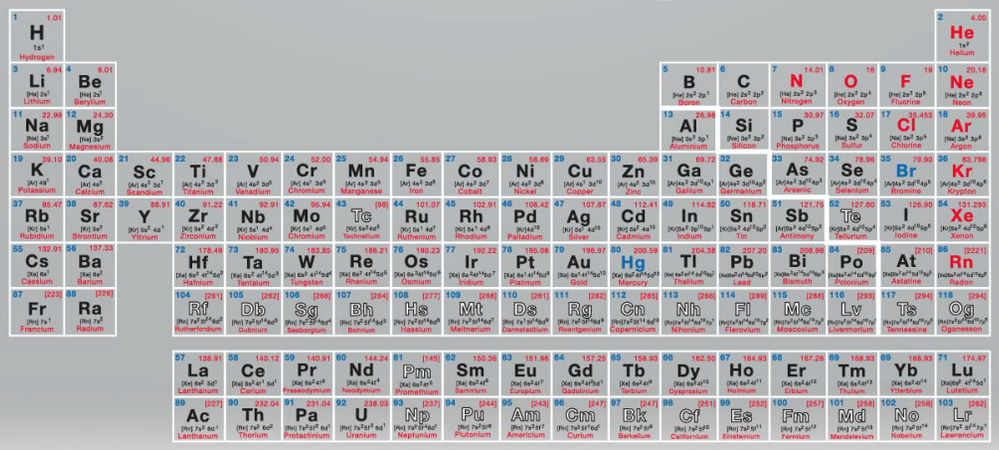
FORM THE COMPOUND OF

WATER



FORM THE COMPOUND GAME

THE APP WILL PROMPT THE USER TO FORM COMPOUND.

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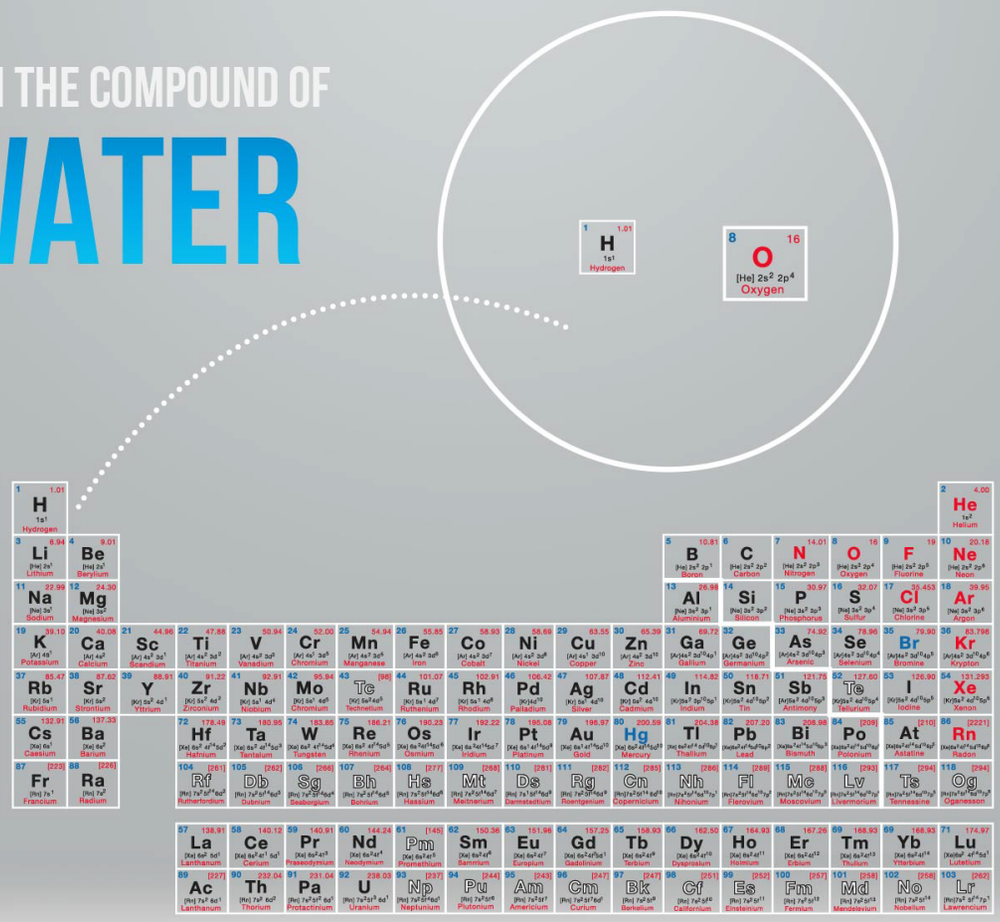
FORM THE COMPOUND OF

WATER



FORM THE COMPOUND GAME

FOR EG: WATER.
THE USER HAS TO DRAG AND DROP 2 HYDROGEN ATOMS
AND 1 OXYGEN ATOM INTO THE RING

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WATER

H_2O

FORM THE COMPOUND GAME

WHEN THE COMPOUND IS FORMED. USER GETS TO VISUALISE AND INTERACT WITH THE MOLECULAR STRUCTURE OF THE COMPOUND IN 3D.

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