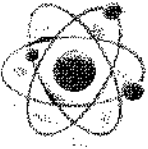


TIC TAC TOE - PICK THREE IN A ROW—Atomic Structure

<p><u>Structure of the Atom</u> Create a worksheet for your classmates that helps them review the structure of the atom.</p> <p>Must have an answer key and a minimum of 20 questions, problems, etc.</p>	<p><u>History of the Atom</u> Choose one of the scientists who contributed to the timeline of the model of the atom and design a full-page advertisement. Must be eye-catching, factual, and colorful.</p>	<p><u>Vocabulary</u> Choose 10 vocabulary words that you don't understand and make flashcards.</p>
<p><u>Vocabulary</u> Choose 10 vocabulary words that you don't understand and make flashcards.</p>	<p><u>Free Choice</u> Structure of the Atom Get approval from the teacher to complete your choice of assignment about the Structure of the Atom.</p> 	<p><u>Atomic Structure Book</u> Create a children's mini book describing where the subatomic particles live within an atom and their attitudes (charges). Must be colorful and written on the level of a child's reading level. Minimum 6 pages.</p>
<p><u>Atoms, Elements, Compounds</u> Design a quiz that discusses the properties of atoms, elements, and compounds. Some material may come from the previous unit. Minimum 10 questions, with answer key.</p>	<p><u>Vocabulary</u> Choose 10 vocabulary words that you don't understand and make flashcards.</p>	<p><u>History of the Atom</u> Design a 3D timeline that shows how our knowledge about the structure of the atom has changed since the time of the ancient Greeks.</p>

Choose the 3 in a row that you would like to complete.

All mini projects are due no later than Thursday, October 22 at the end of class.

Value: 1/2 Test Grade

GRADING RUBRIC

Tic Tac Toe – Atomic Structure

	10 points	7 points	5 points	3 points	0 points
Choice One	Student has illustrated complete understanding of the skill/concept described.	Student has illustrated understanding of the skill/concept described.	Student has illustrated incomplete understanding of the skill/concept described.	Student has many misconceptions about the skill/concept described.	Not enough information to make a judgment or student did not turn this assignment in.
Choice Two	Student has illustrated complete understanding of the skill/concept described.	Student has illustrated understanding of the skill/concept described.	Student has illustrated incomplete understanding of the skill/concept described.	Student has many misconceptions about the skill/concept described.	Not enough information to make a judgment or student did not turn this assignment in.
Choice Three	Student has illustrated complete understanding of the skill/concept described.	Student has illustrated understanding of the skill/concept described.	Student has illustrated incomplete understanding of the skill/concept described.	Student has many misconceptions about the skill/concept described.	Not enough information to make a judgment or student did not turn this assignment in.
Neat & Eye-Pleasing.	Overall assignment is neat and student took time/effort to make it neat and colorful.	Overall assignment is neat and student took some time/effort to make it neat and colorful.	Overall assignment is legible and it had a little color. Student did bare minimum.	Assignment is sloppy and looks as though student put no effort into assignment.	Not enough information to make a judgment or student did not turn this assignment in.
Total					40 points