

## Active Chemistry Chapter 1: Fun With The Periodic Table

Day	Activity	Homework
1	Scenario, Your Challenge, Criteria	Read activity 1 and write a summary. Think of a store and summarize its organization
2	<b>Activity 1:</b> What do you see? What do you think? Investigate. discuss what do you think now?	Do Chem to go to discuss and hand in.
3	Discuss Chem to go, review store organization. <b>Activity 2:</b> Intro, What do you see? What do you think? Investigate 1 & 2.	Read Chem Talk p. 11 and write summary. Prepare a table as on p. 8.
4	Discuss Chem Talk, Investigate 3-9, 11; finish steps 10 and 11 outside of class.	Read Chem Talk pp. 11-12 and summarize. Do investigate 10.
5	Discuss Chem Talk and Investigate 10 & 12; discuss Checking Up; What do you think now?	Do Chem to Go to discuss and hand in.
6	Review Chem to Go; discuss Chem Essential Questions, discuss Reflecting on Activity and Challenge	Do Preparing for the Chapter Challenge
7	<b>Activity 3:</b> What do you See? What do you Think? Investigate 1 & 2; discuss precision & accuracy, discuss how sig figs are used in add/subtract/mult/division	Reach Chem Talk – Atoms, p. 19 and write a summary. Do assigned homework on sig figs.
8	Investigate 3-10; dry the copper collected overnight on filter paper; review sig figs	Read Chem Talk, pp. 19-22 and summarize. Check all table values for the correct precision allowed and correct any errors.
9	Investigate 12-13, compare results, review sig figs	Do Chem to Go
10	Review Checking Up, What do you think now? and Chem to Go, discuss	Do Chem Essential Questions and Reflecting on Activity and Challenge in writing.
11	<b>Activity 4:</b> What do you see? What do you think? Investigate 1-6; demonstration of cathode rays	Read Chem Talk and summarize. Do Checking Up, and Chem to Go.
12	Review Checking Up, Chem Essential Ques. and Chem to Go	Do Reflecting on Activity and Challenge and summarize your thoughts. Do Inquiring Further
13	<b>Activity 5:</b> What do you See? What do you Think? Investigate 1-3, observe the visible hydrogen spectrum, discuss	Read Chem Talk, p. 39 and write a summary
14	Investigate 4-9	Read Chem Talk, pp. 40-41 and write a summary. Do Chem to Go
15	Review Checking Up; discuss Chem Essential Questions and Reflecting on Activity and Challenge; Review Chem to Go	Read mini-challenge and summarize
16	Discuss Chapter mini-challenge, review Engineering/Tech Design, work on mini-challenge	Work on mini-challenge
17	Present mini-challenge, discuss	Summarize positives and negatives of your mini-challenge, and how you would do it differently
18	<b>Activity 6:</b> What do you see? What do you think? Investigate 2, begin 2	Complete Ionization Graph in Investigate, Step 2
19	Investigate 3-7, discuss graph and answer questions	Read Chem Talk and summarize. Do Checking Up and Chem to Go
20	Review Checking Up, What do you think now? Discuss Chem Essential Questions, review Chem to go.	Finish Chem to Go
21	Review Chem to Go, discuss Reflecting on	Do Inquiring Further. Make tables on pp. 59-

	Activity and Challenge	60
<b>22</b>	<b>Activity 7:</b> What do you See? What do you Think? Chem Poetry, Investigate 1-2	Read Chem Talk and Summarize, Do Checking Up
<b>23</b>	Investigate 3-4, discuss Checking Up and What do You Think Now? Discuss Chem Essential Questions and Reflecting on Activity Challenge	Do Chem to Go and Inquiring Further
<b>24</b>	Review Investigate, discuss Chem to Go	Do Inquiring Further
<b>25</b>	<b>Activity 8:</b> What Do You See? What Do You Think? Investigate 1-5	Read Chem Talk and Checking Up. Summarize
<b>26</b>	Review Investigations; discuss Chem Talk and Checking Up	Do Chem to Go
<b>27</b>	Discuss What Do You Think Now? Discuss Chem Essential Ques., Review Chem to Go	Do Inquiring Further
<b>28</b>	<b>Activity 9:</b> What do you See? What do you Think? Chem Poetry, Investigate Part A	Read Chem Talk, pp. 82-83 and summarize
<b>29</b>	Investigate Part B	Read Chem Talk, pp. 83-88 and summarize. Do Checking Up
<b>30</b>	Discuss Chem Talk and Checking Up, What do you Think Now?	Do Chem to Go and Inquiring Further
<b>31</b>	Discuss Chem Essential Questions, review Chem to Go and Inquiring Further	Review Chapter Challenge, work on Chapter Challenge
<b>32</b>	Prepare for Chapter Challenge presentations	Prepare for presentations
<b>33</b>	Chapter Challenge Presentations	Review for Exam
<b>34</b>	<b>End-of-Chapter Exam</b>	