

## Matching the ChemReview Lesson Order to Your Textbook

In general, if the *order* in which you do the ChemReview lessons is a little different from that done in your textbook or class, it will not make too much difference – as long as the topics you do in ChemReview match those on the next quiz or test.

Below is the order in which you should do these lessons to match the order in which topics are covered in the General Chem textbooks by these *authors*:

1. Brown
2. Silberberg
3. Zumdahl, and
4. Chang

In all four general chem textbooks, the order of their first two chapters pretty closely matches the order of Modules 1-10 in these lessons.

### 1. **Brown**

To match the order of the topics in Brown do the Chemreview lessons in this *order for*:

#### **Brown Chapter 3 (Stoichiometry)**

- Chemreview Modules 8, 9, and 10

#### **Chapter 4 (Solutions),**

- Chemreview Lessons 13A-13C on precipitation
- Lessons 14A-14B on acid-base neutralization
- Lessons 15A-D on redox balancing
- Mods 11 and 12 on molarity, dilution, and solution stoichiometry
- Lesson 13D on gravimetric titration
- Lesson 14C on acid-base titration
- Lesson 15E on redox stoichiometry

#### **Chapter 5 (Thermochemistry)**

- ChemReview Module 19
- ChemReview Module 20

#### **Chapter 6 and 7 (Electron Structure)**

- ChemReview Modules 21 and 22

#### **Chapter 8 and 9 (Bonding and Shapes)**

- ChemReview Module 23

#### **Chapter 10 (Gases)**

- ChemReview Lesson 17A
- Lessons 18A and 18B
- Lessons 17B-G

- Lessons 18C and 18D

### **Chapter 20 (Electrochemistry)**

- review ChemReview Module 15A-C and
- do Module 16.

The remaining ChemReview lessons are in the general order of topics in Brown.

## 2. **Silberberg**

To match the order of the topics in Silberberg do the Chemreview lessons in this *order for*:

### **Silberberg Chapter 3 (Stoichiometry)**

- ChemReview Modules 8, 9, 10, 11, and Lessons 12A and 12C.

### **Chapter 4 (Solutions)**

- Chemreview Lessons 12B on ion concentration
- Module 13 on precipitation
- Module 14 on acid-base neutralization
- Module 15 on redox balancing

### **Chapter 5 (Gases)**

- ChemReview Lesson 17A
- Lessons 18A and 18B
- Lessons 17B-G
- Lessons 18C and 18D

### **Chapter 21 (Electrochemistry)**

- review ChemReview Lessons 15A-D and
- do Module 16.

The remaining ChemReview lessons are in the general order of topics in Silberberg.

## 3. **Zumdahl**

To match the order of the topics in Zumdahl do the Chemreview lessons in this *order for*:

### **Zumdahl Chapter 3 (Stoichiometry)**

- Chemreview Modules 8, 9, and 10

### **Chapter 4 (Solutions),**

- Chemreview Module 11
- Lessons 12A and 12B (ion concentrations and dilution)
- Lessons 13A-13C on precipitation
- Lesson 12C on solution stoichiometry
- Lesson 13D on gravimetric titration

- Module 14 on acid-base neutralization
- Module 15 on redox balancing

**Chapter 5 (Gases)**

- ChemReview Lesson 17A
- Lessons 18A and 18B
- Lessons 17B-G
- Lessons 18C and 18D

**Chapter 19 (Redox Reactions)**

- review ChemReview Lessons 15A-D and
- do Module 16.

The remaining ChemReview lessons are in the general order of topics in Zumdahl.

4. **Chang**

To match the order of the topics in Chang do the Chemreview lessons in this *order for*:

**Chang Chapter 3 (Stoichiometry)**

- Chemreview Modules 8, 9, and 10

**Chapter 4 (Solutions),**

- Chemreview Lessons 13A-13C on precipitation
- Lessons 14A-14B on acid-base neutralization
- Module 15A-D only on redox balancing
- Mods 11 and 12 on molarity, dilution, and solution stoichiometry
- Lesson 13D on gravimetric titration
- Lesson 14C on acid-base titration
- Lesson 15E on redox stoichiometry

**Chapter 5 (Gases)**

- ChemReview Lesson 17A
- Lessons 18A and 18B
- Lessons 17B-G
- Lessons 18C and 18D

**Chapter 19 (Redox Reactions)**

- review ChemReview Lessons 15A-D and
- do Module 16.

The remaining ChemReview lessons are in the general order of topics in Chang.