1. Record Nr. UNINA9910153253403321 Autore Timberlake Karen C. Titolo Chemistry: an introduction to general, organic, and biological chemistry / / Karen C. Timberlake Boston, [Massachusetts]:,: Pearson,, 2015 Pubbl/distr/stampa ©2015 **ISBN** 1-292-06132-4 1-292-06151-0 Edizione [Twelfth, global edition.] Descrizione fisica 1 online resource (745 pages): color illustrations, photographs, tables Collana **Always Learning** Disciplina 540 Soggetti Chemistry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes index. Note generali Cover -- Title -- Copyright -- Brief Contents -- Contents --Nota di contenuto Applications and Activities -- About the Author -- Preface -- Reviewers -- 1 Chemistry in Our Lives -- CAREER: Forensic Scientist -- 1.1 Chemistry and Chemicals -- 1.2 Scientific Method: Thinking Like a Scientist -- CHEMISTRY LINK TO HEALTH Early Chemist: Paracelsus --1.3 Learning Chemistry: A Study Plan -- 1.4 Key Math Skills for Chemistry -- GUIDE TO PROBLEM SOLVING Writing a Number in Scientific Notation -- Concept Map -- Chapter Review -- Key Terms --Key Math Skills -- Understanding the Concepts -- Additional Questions and Problems -- Challenge Questions -- Answers -- 2 Chemistry and Measurements -- CAREER: Registered Nurse -- 2.1 Units of Measurement -- EXPLORE YOUR WORLD Units Listed on Labels -- 2.2 Measured Numbers and Significant Figures -- 2.3 Significant Figures in Calculations -- 2.4 Prefixes and Equalities -- 2.5 Writing Conversion Factors -- EXPLORE YOUR WORLD SI and Metric Equalities on Product Labels -- CHEMISTRY LINK TO HEALTH Toxicology and Risk-Benefit Assessment -- 2.6 Problem Solving Using Unit Conversion -- GUIDE TO PROBLEM SOLVING Using Conversion Factors -- 2.7 Density -- EXPLORE YOUR WORLD Sink or Float -- CHEMISTRY LINK TO HEALTH Bone

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