

		DETAILED SCIENCE LESSON PLAN													
GRADE LEVEL	QUARTER/DOMAIN	WEEK & DAY NO.	PAGE NO.												
7	SECOND QUARTER	2(1-5)													
I. OBJECTIVES															
A. Content Standards	The learners demonstrate an understanding of: Organisms interacting with each other and with their environment to survive.														
B. Performance Standard	The learners shall be able to: 1. Employ appropriate techniques using the compound microscope to gather data about very small objects.														
C. Learning Competencies	The learners should be able to... 1. Predict the effect of changes in abiotic factors on the ecosystem. (S7LT-4j-12).														
Write the LC code for each															
II. CONTENT		Living Things and Their Environment													
III. LEARNING RESOURCES															
A. References															
1. Teacher's Guide pages	Science 7 TG pp.														
2. Learners Material pages	Science 7 LM pp.														
3. Textbook pages															
4. Additional materials from Learning Resource (LR) portal.	Science & Technology IV: Physics Textbook NISMED 2012 P.285.														
B. Other Learning Resource	Quarter 2, Module 7 / I N T E R N E T														
IV. PROCEDURES															
A. Reviewing previous lesson or presenting the new lesson	PRELIMINARY ACTIVITIES • PRAYER • GREETINGS • CHECKING OF ATTENDANCE • HOUSE RULES ELICIT REVIEW / MOTIVATION What's In? Activity 1: Break it down. DIRECTIONS: Enter the items from the word bank into the Venn Diagram. At the left side pin/paste the biotic factor only, at the right side pin the abiotic factor only. And at the center place the picture containing both biotic and abiotic factors. <table><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> Venn Diagram 														
															
															
B. Establishing a purpose for the lesson	ENGAGE Objectives of the lesson: A. Identify the uses of abiotic factors. B. Describe the cause and effect of the changes in the ecosystem. C. Predict the effect of changes in abiotic factors in the ecosystem. D. Present a drama, poster and slogan, and a song showing on how to conceive a sustainable environment.														
C. Presenting examples/instances of the new lesson.	What's New? Activity 2: Sustain My Life Directions: Identify what are the abiotic factors that are helpful in a certain corn field/farm. Choose your answers from the word bank and write them inside the blank boxes. Then, answer the guide questions that follow by shading the required number of circle.														

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Hussin A.Rothana



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Resources in Education ,1997 *Resources for Teaching Middle School Science* Smithsonian Institution,National Academy of Engineering,National Science Resources Center of the National Academy of Sciences,Institute of Medicine,1998-04-30 With age appropriate inquiry centered curriculum materials and sound teaching practices middle school science can capture the interest and energy of adolescent students and expand their understanding of the world around them Resources for Teaching Middle School Science developed by the National Science Resources Center NSRC is a valuable tool for identifying and selecting effective science curriculum materials that will engage students in grades 6 through 8 The volume describes more than 400 curriculum titles that are aligned with the National Science Education Standards This completely new guide follows on the success of Resources for Teaching Elementary School Science the first in the NSRC series of annotated guides to hands on inquiry centered curriculum materials and other resources for science teachers The curriculum materials in the new guide are grouped in five chapters by scientific area Physical Science Life Science Environmental Science Earth and Space Science and Multidisciplinary and Applied Science They are also grouped by type core materials supplementary units and science activity books Each annotation of curriculum material includes a recommended grade level a description of the activities involved and of what students can be expected to learn a list of accompanying materials a reading level and ordering information The curriculum materials included in this book were selected by panels of teachers and scientists using evaluation criteria developed for the guide The criteria reflect and incorporate goals and principles of the National Science Education Standards The annotations designate the specific content standards on which these curriculum pieces focus In addition to the curriculum chapters the guide contains six chapters of diverse resources that are directly relevant to middle school science Among these is a chapter on educational software and multimedia programs chapters on books about science and teaching directories and guides to science trade books and periodicals for teachers and students Another section features institutional resources One chapter lists about 600 science centers museums and zoos where teachers can take middle school students for interactive science experiences Another chapter describes nearly 140 professional associations and U S government agencies that offer resources and assistance Authoritative extensive and thoroughly indexed and the only guide of its kind Resources for Teaching Middle School Science will be the most used book on the shelf for science teachers school administrators teacher trainers science curriculum specialists advocates of hands on science teaching and concerned parents Children's Catalog ,1929 The 1st ed includes an index to v 28 36 of St Nicholas *Research in Education* ,1969 Catalog of Copyright Entries. Third Series Library of Congress. Copyright Office,1968 Includes Part 1 Number 2 Books and Pamphlets Including Serials and Contributions to Periodicals July December **School Life** ,1945 *Educational Research Document Summaries* Educational Research Information Center (U.S.),1966 *Guide to the Selection of Books for Your Elementary School Library, 1971-72* Dorothy A.

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