

VITAL SIGNS

TEMPERATURE:

- **normal:** 36.0 - 37.5°C
- **hyperthermia:** elevated body temperature (41-45°C)
- **hypothermia:** a decrease in body temperature, body is unable to produce heat

the difference between heat produced by the body and heat lost to the outside environment

- measured at the axilla, ear (for tympanic, at the rectum or orally)
- consider if hot drinks have been consumed prior to temp being taken

HEART RATE : PULSE

60-70 mL of blood is being pumped into circulation by the heart, each contraction causes a pulse wave that travels along the arteries.



ALWAYS OBTAIN CONSENT

- **Hypertension:** systolic > 140 & diastolic > 80
- **Hypotension:** systolic < 100 & diastolic < 60
- **Normal:** systolic 100-140 & diastolic 60-80

- **rate:** number of beats (60 - 100 Bpm)
- **rhythm:** pattern of beats (regular vs. irregular)
- **strength/amplitude:** force (strong/weak/thready/bounding)
- **equality:** same right and left (equal bilaterally)

commonly found by palpating the radial or carotid artery

the lateral force on the walls of an artery from the blood pulsing under pressure from the heart

BLOOD PRESSURE:

- **Systolic:** maximum pressure felt in the artery
- **Diastolic:** the elastic recoil (resting) pressure between beats

OXYGEN & RESPIRATIONS:

respiration is the mechanism used to exchange gases between atmosphere and the blood & between blood and cells.

- **dyspnea:** difficult/laboured breathing
- **apnea:** temporary cessation of breathing
- **orthopnea:** discomfort when breathing whilst lying down
- **cheyne stokes:** alteration of depth of breathing

- **Normal:** >94%
- **Hypoxia:** reduced levels of arterial oxygen
- **Mild hypoxia:** 90-94%
- **Severe hypoxia:** <86%

AVPU

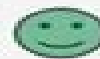
ALERT, TO VOICE, TO PAIN, UNRESPONSIVE

PAIN SCALE:

a pain score is subjective data, you can only rely on what the patient says about how they feel



NO PAIN



MILD PAIN



MODERATE PAIN



SEVERE PAIN



EXTREME PAIN



UNBEARABLE PAIN

Vital Sign English Edition

**Michael Sagner, Garry Egger, Andrew
Binns, Stephan Rossner**



Vital Sign English Edition:

Fuel your quest for knowledge with Learn from is thought-provoking masterpiece, **Vital Sign English Edition** . This educational ebook, conveniently sized in PDF (*), is a gateway to personal growth and intellectual stimulation. Immerse yourself in the enriching content curated to cater to every eager mind. Download now and embark on a learning journey that promises to expand your horizons. .

<https://movement.livewellcolorado.org/results/scholarship/default.aspx/Who%20Has%20Football%20Exam.pdf>

Table of Contents Vital Sign English Edition

1. Understanding the eBook Vital Sign English Edition
 - The Rise of Digital Reading Vital Sign English Edition
 - Advantages of eBooks Over Traditional Books
2. Identifying Vital Sign English Edition
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Vital Sign English Edition
 - User-Friendly Interface
4. Exploring eBook Recommendations from Vital Sign English Edition
 - Personalized Recommendations
 - Vital Sign English Edition User Reviews and Ratings
 - Vital Sign English Edition and Bestseller Lists
5. Accessing Vital Sign English Edition Free and Paid eBooks
 - Vital Sign English Edition Public Domain eBooks
 - Vital Sign English Edition eBook Subscription Services
 - Vital Sign English Edition Budget-Friendly Options

6. Navigating Vital Sign English Edition eBook Formats
 - ePub, PDF, MOBI, and More
 - Vital Sign English Edition Compatibility with Devices
 - Vital Sign English Edition Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Vital Sign English Edition
 - Highlighting and Note-Taking Vital Sign English Edition
 - Interactive Elements Vital Sign English Edition
8. Staying Engaged with Vital Sign English Edition
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Vital Sign English Edition
9. Balancing eBooks and Physical Books Vital Sign English Edition
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Vital Sign English Edition
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Vital Sign English Edition
 - Setting Reading Goals Vital Sign English Edition
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Vital Sign English Edition
 - Fact-Checking eBook Content of Vital Sign English Edition
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements

- Interactive and Gamified eBooks

Vital Sign English Edition Introduction

In today's digital age, the availability of Vital Sign English Edition books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Vital Sign English Edition books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Vital Sign English Edition books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Vital Sign English Edition versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Vital Sign English Edition books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether you're a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Vital Sign English Edition books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Vital Sign English Edition books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of

Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Vital Sign English Edition books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Vital Sign English Edition books and manuals for download and embark on your journey of knowledge?

FAQs About Vital Sign English Edition Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Vital Sign English Edition is one of the best book in our library for free trial. We provide copy of Vital Sign English Edition in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Vital Sign English Edition. Where to download Vital Sign English Edition online for free? Are you looking for Vital Sign English Edition PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Vital Sign English Edition. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Vital Sign English Edition are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free

access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Vital Sign English Edition. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Vital Sign English Edition To get started finding Vital Sign English Edition, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Vital Sign English Edition So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Vital Sign English Edition. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Vital Sign English Edition, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Vital Sign English Edition is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Vital Sign English Edition is universally compatible with any devices to read.

Find Vital Sign English Edition :

who has football exam

land use lawwith supplement

1992 toyota pickup fuse box diagram

ingersollia gems of thought from the lec

festum voluptatis a study of renaissance erotica

walther ppk s repair manual

advanced programme in security management unisa 2015

good fishing in the finger lakes region western new york

1996 seadoo xp manual

ohio school bus preservice manual

1997 suzuki df 15 manual

multiple choice secant tangent angles

audi a6 manual vs automatic

improved test scores attitudes and behaviors in americas schools supervisors success stories

campbell essential biology with mastering biology 5th edition

Vital Sign English Edition :

milady textbooks milady training - Apr 11 2023

web milady standard nail technology 8th edition the field of nail technology continues to grow with new breakthroughs in product technologies application techniques and business strategy the new milady standard nail technology plays a critical role in creating a strong foundation for nail professionals

milady s standard nail technology 6th edition amazon com - Dec 27 2021

web dec 6 2010 details or fastest delivery august 24 30 details select delivery location used good details sold by college campus supply have one to sell sell on amazon milady s standard nail technology 6th edition 4 ratings 9999 in stock product information warranty support

milady standard nail technology milady google books - Aug 03 2022

web mar 19 2020 cengage learning mar 19 2020 health fitness 50 pages milady standard nail technology 8th edition is packed with new and updated information on several important topics including

milady standard nail technology 7th edition amazon com - Jan 08 2023

web jan 21 2014 access unlimited learning with milady standard nail technology photographs including photos of nail disorders and procedural photographs showing gloved hands coverage of business skills includes information on opening your own salon franchise ownership operations laws regulations and much more

buy milady s standard nail technology isbn 9781435497689 miladyprom - May 12 2023

web milady s standard nail technology sixth edition covers every subject in a basic nail technology course it is a detailed and comprehensive text providing the student with all of the information needed to get started in the professional nail world and to begin a successful career as a nail technician specialized nail technician and eventually

milady standard nail technology 6th edition to 7th edition - Feb 09 2023

web 2014 edition 7th edition synopsis of chapters 2011 edition 6th edition part i orientation chapter 1 history and career opportunities objectives explain the origins of personal beautification discuss the advancements made in nail technology during the twentieth and early twenty first centuries

nail technology curriculum milady beauty education - Mar 10 2023

web milady standard nail technology 8th edition from intro topics like science basics to nail specific content that s essential

to licensure this edition delivers the most up to date relevant content in print 2 book format or digital formats get product details looking for the previous 7th edition access it here

the leading provider of higher education course materials - Jun 13 2023

web since 1938 the milady standard cosmetology has been the premier textbook for cosmetology education each subsequent edition has evolved with the changing styles of the era while

milady s standard nail technology 6th edition vitalsource - Nov 06 2022

web milady s standard nail technology 6th edition is written by milady and published by cengage learning the digital and etextbook isbn for milady s standard nail technology are 9781133169352 113316935x and

milady s standard nail technology 4th edition amazon com - Sep 04 2022

web jul 19 2002 milady standard nail technology mindtap course list 93 82 162 usually ships within 6 to 7 days the field of nail technology has undergone many changes as new technologies have developed and new issues have emerged this fourth edition of the text milady s art and science of nail technology has been thoroughly revised to

milady standard nail technology with standard foundations - Oct 05 2022

web the new 2 book format includes standard foundations and nail technology packaged together for a complete curriculum standard foundations focuses on introductory topics including science basics infection control and the importance of soft business skills while nail technology includes new and updated information on manicuring pedicuring

milady standard nail technology 7th edition milady - Jun 01 2022

web jul 18 2018 buy milady standard nail technology in our online store milady standard nail technology 7th edition is packed with information on several important topics including infection control manicuring pedicuring chemistry uv and led gels and the salon business

milady standard nail technology milady google books - Apr 30 2022

web jan 15 2014 milady standard nail technology 7th edition is packed with new and updated information on several important topics including infection control manicuring pedicuring chemistry uv gels and the salon business brand new procedural photography enhances step by step instructions for the student also included is a new why study

milady standard nail technology 7th edition cengage - Jan 28 2022

web isbn 13 9781285080598 milady standard nail technology 7th edition is packed with new and updated information on several important topics including infection control manicuring pedicuring chemistry uv gels and the salon business

milady standard nail technology 7th edition cengage - Jul 02 2022

web about this product milady standard nail technology 7th edition is packed with new and updated information on several important topics including infection control manicuring pedicuring chemistry uv gels and the salon business brand new

procedural photography enhances step by step instructions for the student

[milady s standard nail technology edition 6 google play](#) - Dec 07 2022

web milady s standard nail technology edition 6 ebook written by milady read this book using google play books app on your pc android ios devices download for offline reading highlight bookmark or take notes while you read milady s standard nail technology edition 6

milady standard nail technology free download borrow and - Jul 14 2023

web milady standard nail technology publication date 2015 topics manicuring nails anatomy care and hygiene fingernails publisher australia cengage learning collection inlibrary printdisabled internetarchivebooks contributor internet archive language english xx 535 pages 28 cm includes index part 1 orientation 1

milady s standard nail technology 6th edition amazon com - Aug 15 2023

web may 28 2010 this latest edition of milady s standard nail technology contains new and updated information on many subjects including infection control product chemistry manicuring pedicuring electric filing monomer liquid and polymer powder nail enhancements and uv gels

milady standard nail technology 6th edition studylib net - Feb 26 2022

web milady standard nail technology 6th edition advertisement milady standard nail technology 6th edition textbook 9781435497689 chapter 5 6 6 12 13 15 question page details 65 heading active stage when they

buy milady standard nail technology 7th edition textbook - Mar 30 2022

web milady standard nail technology 7th edition isbn 9781285080475 provides a comprehensive foundation for nail technicians featuring instruction from industry stars this book is a required text for most nail technology programs

[how paramedics swear coloring book a coloring book for first](#) - Mar 10 2023

web buy how paramedics swear coloring book a coloring book for first responders and medics by karen morgan online at alibris we have new and used copies available in 1

[how paramedics swear coloring book a funny irreverent](#) - Nov 06 2022

web buy how paramedics swear coloring book a funny irreverent clean swear word paramedic coloring book gift idea by coloring crew online at alibris we have new

how paramedics swear coloring book a coloring boo pdf - Feb 26 2022

web how paramedics swear coloring book a funny irreverent clean swear word paramedic coloring book gift idea 1 coloring crew amazon com au books

[how paramedics swear coloring book a funny irreverent](#) - Dec 27 2021

web abebooks com how paramedics swear coloring book a funny irreverent clean swear word paramedic coloring book gift

idea paramedic coloring books

9781987432084 how paramedics swear coloring book a - Nov 25 2021

web this clean swear word coloring book is perfect in this book we have put together a list of hilarious clean swear words that paramedics definitely can use funny and cheap gift

how paramedics swear coloring book a coloring book for first - May 12 2023

web dec 9 2019 how paramedics swear coloring book a coloring book for first responders and medics karen morgan on amazon com free shipping on

how paramedics swear coloring book a funny - Jun 13 2023

web buy how paramedics swear coloring book a funny irreverent clean swear word paramedic coloring book gift idea volume 1 paramedic coloring books by

how paramedics swear coloring book a funny irreverent - Oct 25 2021

web this is my paramedic coloring book book read reviews from world s largest community for readers

how paramedics swear coloring book a funny irreverent - Apr 11 2023

web mar 31 2018 looking for funny gifts for paramedics this clean swear word coloring book is perfect in this book we have put together a list of hilarious

how paramedics swear coloring book a funny irreverent - Dec 07 2022

web buy how paramedics swear coloring book a funny irreverent clean swear word paramedic coloring book gift idea by coloring crew online on amazon ae at best

swearing like a motherfucking paramedic swear word coloring - Jul 02 2022

web sep 18 2020 how paramedics swear coloring book by funny beast coloring book 2020 independently published edition in english

how paramedics swear coloring book a funny irreverent - Oct 05 2022

web how paramedics swear coloring book book read reviews from world s largest community for readers

how paramedics swear coloring book a funny irreverent - Feb 09 2023

web how paramedics swear coloring book a funny irreverent clean swear word paramedic coloring book gift idea volume 1 paramedic coloring books by

how paramedics swear coloring book a funny irreverent - Jul 14 2023

web how paramedics swear coloring book a funny irreverent clean swear word paramedic coloring book gift idea paramedic coloring books band 1 volume 1

this is my paramedic coloring book goodreads - Sep 23 2021

how paramedics swear coloring book a funny irreverent - Aug 15 2023

web mar 31 2018 how paramedics swear coloring book a funny irreverent clean swear word paramedic coloring book gift idea paramedic coloring books coloring

how paramedics swear coloring book a funny irreverent - Mar 30 2022

web aug 19 2023 paramedic s coloring book swear edition for adults a totally relatable and hilarious curse word color book for paramedics swearing like

how paramedics swear coloring book an adult coloring book - Aug 03 2022

web aug 7 2019 gag gift idea swear word coloring book for grown ups this is an adult coloring book of 20 hilarious paramedics related swearing words

sell buy or rent how paramedics swear coloring book a - Apr 30 2022

web will be clean not soiled or stained binding paperback language english book details edition list price books will be free of page markings

how paramedics swear coloring book a funny irreverent - Jan 28 2022

web mar 31 2018 how paramedics swear coloring book a funny irreverent clean swear word paramedic coloring book gift idea coloring crew 9781987432084 books

how paramedics swear coloring book goodreads - Sep 04 2022

web how paramedics swear coloring book book read reviews from world s largest community for readers swear word coloring book for grown ups this is

how paramedics swear coloring book a coloring - Jan 08 2023

web looking for funny gifts for paramedics this clean swear word coloring book is perfect in this book we have put together a list of hilarious clean swear words that paramedics

how paramedics swear coloring book 2020 edition open library - Jun 01 2022

web sell how paramedics swear coloring book a coloring book for first responders and med 1672685028 at booksrun ship for free and get fast cash back

get free enrichment activity 19 answer key free download pdf - Jun 01 2022

web world history enrichment activity 19 answer key 2 2 downloaded from engineering2 utsa edu on november 3 2022 by guest all modern humans are classified

enrichment activity 19 answer key localimageco - Feb 26 2022

web enrichment activity genetics problem solving answer key 2 6 downloaded from stats ijm org on august 26 2023 by guest well as what precedes and comes after these

enrichment activity 19 answer key app savvi com - Jul 02 2022

web get free enrichment activity 19 answer key free download pdf answer key algebra i common core regents course workbook math level 19 with answer key alfred s

chapter four answers to student enrichment activities - Feb 09 2023

web the period of time in which the cell membrane and electrolytes are in a resting state polarization the state in which ions move across a semipermeable membrane and

answer keys and solution files for enrichment activities - Aug 15 2023

web some solution files are provided in multiple formats for your convenience in meeting classroom needs chapter 1 enrichment activities 43 0k chapter 3 enrichment

enrichment activities answer key mcgraw hill education - Jun 13 2023

web enrichment activities answer key enrichment activities answer key 1377 0k online student edition business plan template career clusters study to go

enrichment activities answer key mcgraw hill education - Apr 11 2023

web chapter 1 the wellness triangle answers will vary but may include the sides of an equilateral triangle are equal therefore the components of wellness should be equal for

enrichment activities answer key mcgraw hill education - Jul 14 2023

web applying life skills 2010 enrichment activities answer key enrichment activities answer key 292 0k

world history enrichment activity 19 answer key download - Oct 25 2021

enrichment activities - Nov 25 2021

web world history enrichment activity 19 answer key 1 world history enrichment activity 19 answer key when people should go to the book stores search inauguration by

enrichment activity answer key answers for 2023 exams - Apr 30 2022

web sep 3 2023 access free enrichment activity 19 answer key free download pdf vocabulary grades 5 6 investigation of illegal or improper activities in connection

the early modern world 1400 1800 mrs flowers history - Nov 06 2022

web chapter 13 section activities and so on a complete answer key a complete answer key appears at the back of this book this answer key includes 19 historical analysis

enrichment activity 19 answer key - Aug 03 2022

web up activities the teaching guide offers descriptions of the basic concepts to be presented background information

suggestions for enrichment activities and a complete answer

enrichment activities mcgraw hill education - Dec 07 2022

web chapter 19 food safety storage enrichment activities for activities that extend the content in the student edition check out the enrichment activities enrichment

enrichment activity genetics problem solving answer key ijm - Jan 28 2022

web answer key usnrc technical training center 7 9 11 rev 4 uranium enrichment processes directed self study course 1 4 self check questions 1 enriched uranium is

enrichment activities mcgraw hill education - May 12 2023

web enrichment activities answer key 001 009 ea ak xxxxxx qxd 6 26 08 12 18 am page 1 elhi 106 mhgl192 appl 0 answer keys copyright by the mcgraw hill

4th grade enrichment activity answer key madison schools com - Jan 08 2023

web 4th grade enrichment activity answer key lesson 16 page 11 using context clues fascinated being very interested in something rejected not being admitted to

world history enrichment activity 19 answer key 2022 - Sep 04 2022

web enrichment activity 19 answer key but end up in harmful downloads rather than enjoying a good book with a cup of tea in the afternoon instead they are facing with

enrichment activities - Mar 10 2023

web chapter 19 nutrition and wellness enrichment activities for activities that extend the content in the student edition check out the enrichment activities chapter 19

access free enrichment activity 19 answer key free download - Mar 30 2022

web enrichment activity 19 answer key 1 enrichment activity 19 answer key when people should go to the ebook stores search foundation by shop shelf by shelf it is in fact

0559 f204s uranium enrichment process answer key - Dec 27 2021

web chapter 19 kitchen equipment selection and safety enrichment activities for activities that extend the content in the student edition check out the enrichment activities

enrichment lesson plans worksheets reviewed by - Oct 05 2022

web world history enrichment activity 19 answer key 1 world history enrichment activity 19 answer key as recognized adventure as skillfully as experience about lesson