
Example Student Research Paper

Color Psychology Paper

Research Question:

How does color affect one's mood?

Review of Literature:

Colors may just seem simple and unimportant, but they affect our daily lives more than we may know. If someone is feeling angry, it could just be because they're angry, or it could be perhaps that they are surrounded by or looking at the color red. That's right! People's moods can change just because they are looking at different colors! There are many theories on how just a simple color can change one's whole mood.

According to Johnson (2007), color does affect mood by producing certain chemicals and stimulating different feelings such as hunger. For example, blue can make one feel calm because it releases calming chemicals, and red can make one hungry because it is an appetite stimulant. Yellow can make one feel irritated, and it is a fact that people lose their temper most in yellow rooms. However, pink is tranquilizing and can make one feel weak. In conclusion, Johnson says that depending on the color, one's body can do things (like producing chemicals) that cause a certain emotional reaction (mad, sad, etc.).

Another idea, by Smith (2007), is that the effect color produces is based on what one's body does in response. For example, yellow is mentally stimulating, and activates memory, whereas red increases confidence. Also, brown can make a person feel orderly and stable, while a dark blue can make one feel sad. Therefore, Smith says that different colors do in fact change one's mood and the consequences can be negative or positive.

A third writer, Wollard, (2000) seems to think that color can affect one's mood, but the effect also can depend on one's culture and what one's personal reflection may be. For example, someone from Japan may not associate red with anger, as people from the U.S. tend to do. Also, a person who likes the color brown may associate brown with happiness. However, Wollard does think that colors can make everyone feel the same, or close to the same, mood. According to Wollard, pink reduces aggression, which is why the walls of the jail cells in the Seattle prison are pink! Also, brown can make one feel comforted. Wollard feels that colors do affect one's mood, but there are other factors that can alter what one is supposed to feel.

Eric, John, and Paraag's (2007) main point about color psychology is that color has both a physiological and psychological effect. For example, green makes people feel relaxed because it relaxes their muscles and makes them breathe deeper and more slowly. Furthermore, blue lowers blood pressure, which makes one feel calm. Eric, John, and Paraag conclude that color affects one's mood because of what it does to the body.

Sample Research Paper On Parenting

Ying Liu



Sample Research Paper On Parenting:

Immerse yourself in heartwarming tales of love and emotion with Explore Love with is touching creation, Tender Moments: **Sample Research Paper On Parenting** . This emotionally charged ebook, available for download in a PDF format (PDF Size: *), is a celebration of love in all its forms. Download now and let the warmth of these stories envelop your heart.

https://crm.avenza.com/About/browse/Documents/remington_1100_disassembly_manual.pdf

Table of Contents Sample Research Paper On Parenting

1. Understanding the eBook Sample Research Paper On Parenting
 - The Rise of Digital Reading Sample Research Paper On Parenting
 - Advantages of eBooks Over Traditional Books
2. Identifying Sample Research Paper On Parenting
 - 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 Sample Research Paper On Parenting
 - User-Friendly Interface
4. Exploring eBook Recommendations from Sample Research Paper On Parenting
 - Personalized Recommendations
 - Sample Research Paper On Parenting User Reviews and Ratings
 - Sample Research Paper On Parenting and Bestseller Lists
5. Accessing Sample Research Paper On Parenting Free and Paid eBooks
 - Sample Research Paper On Parenting Public Domain eBooks
 - Sample Research Paper On Parenting eBook Subscription Services
 - Sample Research Paper On Parenting Budget-Friendly Options
6. Navigating Sample Research Paper On Parenting eBook Formats

- ePub, PDF, MOBI, and More
- Sample Research Paper On Parenting Compatibility with Devices
- Sample Research Paper On Parenting Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Sample Research Paper On Parenting
 - Highlighting and Note-Taking Sample Research Paper On Parenting
 - Interactive Elements Sample Research Paper On Parenting
- 8. Staying Engaged with Sample Research Paper On Parenting
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Sample Research Paper On Parenting
- 9. Balancing eBooks and Physical Books Sample Research Paper On Parenting
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Sample Research Paper On Parenting
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Sample Research Paper On Parenting
 - Setting Reading Goals Sample Research Paper On Parenting
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Sample Research Paper On Parenting
 - Fact-Checking eBook Content of Sample Research Paper On Parenting
 - 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

Sample Research Paper On Parenting Introduction

Sample Research Paper On Parenting Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Sample Research Paper On Parenting Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Sample Research Paper On Parenting : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Sample Research Paper On Parenting : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Sample Research Paper On Parenting Offers a diverse range of free eBooks across various genres. Sample Research Paper On Parenting Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Sample Research Paper On Parenting Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Sample Research Paper On Parenting, especially related to Sample Research Paper On Parenting, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Sample Research Paper On Parenting, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Sample Research Paper On Parenting books or magazines might include. Look for these in online stores or libraries. Remember that while Sample Research Paper On Parenting, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Sample Research Paper On Parenting eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Sample Research Paper On Parenting full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Sample Research Paper On Parenting eBooks, including some popular titles.

FAQs About Sample Research Paper On Parenting 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 web-based 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. Sample Research Paper On Parenting is one of the best book in our library for free trial. We provide copy of Sample Research Paper On Parenting in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Sample Research Paper On Parenting. Where to download Sample Research Paper On Parenting online for free? Are you looking for Sample Research Paper On Parenting PDF? This is definitely going to save you time and cash in something you should think about.

Find Sample Research Paper On Parenting :

[remington 1100 disassembly manual](#)

remove manual page breaks excel

renault laguna manual repair

~~remove front bumper 20~~[honda pilot](#)

renault 5 superfive 1985 1996 workshop repair service manual

renault clio 56 maintenance manual

[rellim automotive technical information since 1945](#)

[remington 742 manual](#)

[renault 11 service manual](#)

[renault 19 engine manual](#)

renault clio manual english

[renault scenic rx manual](#)

reloacutegio pra se dar um tempo portuguese edition

renault clio 172 manual

[renault sport spider top speed](#)

Sample Research Paper On Parenting :

penguin readers librarything - Mar 29 2022

web nyelvkönyvek és idegen nyelvű könyvek forgalmazása beszerzése könyvesbolt és online rendelés nyelvkönyvek olvasnivaló útikönyvek

penguin readers 3 the fugitive j m dillard 9781405876919 - Mar 09 2023

web level 3 the fugitive j m dillard 9781405876919 penguin graded readers level 3 pearson 978 1 4058 7691 9 104

the fugitive with audio cd penguin readers level 3 - Jan 27 2022

web destroyed them now penguin brings you the works of the great thinkers pioneers radicals and visionaries whose ideas shook civilization and helped make us who we are the

the new york times news quiz sept 15 2023 - Sep 22 2021

web 5 hours ago an aquarium of the pacific penguin has died officials announced on thursday sept 14 ludwig a magellanic penguin was 12 years old at the time of his

the fugitive penguin readers graded readers by j m dillard - Apr 29 2022

web read the fugitive penguin readers from here check all flipbooks from s the fugitive penguin readers looks good share the fugitive penguin readers online

the fugitive penguin readers flipbook pdf pdf free - May 11 2023

web jun 21 2017 check pages 1 3 of the fugitive penguin readers in the flip pdf version the fugitive penguin readers was published by on 2017 06 21 find more similar flip

penguin readers 3 the fugitive amazon com - Aug 14 2023

web penguin readers factsheets level pre intermediate the fugitive summary his exciting adventure story takes place in present day chicago in the usa at the beginning

penguin readers level 3 the fugitive penguin readers - Jun 12 2023

web the fugitive j m dillard chapter 1 on the night of his hospital s fund raising party there is an intruder in kimble s house and his wife helen is shot and killed chapter 2 kimble

teacher s notes 1 the fugitive 3 2 pearsonelt ch - Jul 13 2023

web jan 1 1996 penguin readers level 3 the fugitive penguin readers dillard j m on amazon com free shipping on qualifying offers penguin readers level 3 the

the fugitive penguin readers flipbook by fliphtml5 - Feb 25 2022

web theodore boone the fugitive the life of john thompson a fugitive slave marcel proust chamor the fugitive the fugitive re reading pío baroja and english literature a

level 3 the fugitive j m dillard 9781405876919 penguin - Feb 08 2023

web oct 28 2021 the fugitive penguin readers level 3 publisher unknown paperback in english 0582417937 9780582417939
aaaa not in library libraries near you

home penguin readers - Aug 02 2022

web paperback first published january 1 1993 book details editions

the fugitive penguin readers by j m dillard - Nov 05 2022

web the fugitive photocopiable c pearson education limited 2008 the fugitive activity worksheets of 2 activity worksheets
level 3 penguin readers

the fugitive penguin readers flipbook by fliphtml5 - Jun 19 2021

the fugitive photocopiable penguin readers fliphtml5 - Dec 06 2022

web the fugitive penguin readers wwwfrenglishru free download as pdf file pdf or view presentation slides online

the fugitive penguin readers wwwfrenglishru pdf scribd - Oct 04 2022

web penguin readers handbook a comprehensive user guide including lesson plans activity templates popular books level 3
persuasion level 2 the extraordinary life of

the fugitive photocopiable penguin readers fliphtml5 - May 19 2021

aquarium of the pacific penguin ludwig dies after contracting - Jul 21 2021

web jun 21 2017 the fugitive photocopiable penguin readers was published by on 2017 06 21 find more similar flip pdfs like
the fugitive photocopiable penguin readers

the fugitive penguin readers level 3 open library - Jan 07 2023

web jun 21 2017 looking for the fugitive photocopiable penguin readers read the fugitive photocopiable penguin readers
from here check all flipbooks from s the

penguinreaderthefugitive copy tea senseasia - Dec 26 2021

web 1 day ago by abbey white september 14 2023 8 45am monster juice and the pathfinders society books penguin young
readers lion forge entertainment and

the fugitive penguin readers - Jul 01 2022

web the fugitive penguin readers graded readers author dillard j m book condition used very good quantity available 1
binding paperback isbn 10 0582401828 isbn 13

thefugitivepenguinreaders brigitte fielder copy - Nov 24 2021

web sep 15 2023 chuck grassley 89 mitch mcconnell 81 mitt romney 76 bernie sanders 82 tom wright piersanti lyna bentahar and the staff of the morning newsletter

the fugitive photocopyable penguin readers - Sep 03 2022

web the book the fugitive is based on the screenplay of the extremely successful film the fugitive which was released in 1993 the film was based on the tv series

the fugitive penguin readers by michael nation goodreads - May 31 2022

web penguin readers level 3 jim smiley and his jumping frog and other stories by mark twain 32 copies 8 reviews order level 3 penguin readers level 3 manchester united

9 new books we recommend this week the new york times - Aug 22 2021

web jun 21 2017 check all flipbooks from s the fugitive penguin readers looks good share the fugitive penguin readers online the book the fugitive is based on the

the fugitive penguin readers pages 1 3 fliphtml5 - Apr 10 2023

web penguin readers 3 the fugitive by j m dillard isbn 10 1405876913 isbn 13 9781405876919 pearson 2008 softcover *lion forge entertainment penguin young readers set tv and* - Oct 24 2021

web 1 day ago hollystephen king beware the kindly retired professors in king s latest novel which is set during the pandemic and charges into thorny debates from masking policies to black lives matter

all answers for edgenuity math grade - Apr 08 2022

connections if you endeavor to download and install the all answers for edgenuity math grade it is definitely easy then in the past currently we extend the link to purchase and make bargains to download and install all answers for edgenuity math grade as a result simple bigger better best stuart j murphy 2002 08 20 bigger better best

edgenuity answer key r edgenuity reddit - Sep 25 2023

edgenuity answer key dm is preferable i m remaking this so it ll be more coherent i ve been adding the answer key to my world history and biology course i made this because i was having to do all the research and i would ve loved it if someone had already done this so now that it s made i hope it helps a lot of people to get work done

accessing the assessment questions and answers edgenuity - May 21 2023

oct 7 2022 view the steps here under the more button select view course structure find the lesson to view the assessment answers click quiz answers all the assessment questions related to the lesson are found in the pop up window to view a question and answer select a question number

search quizlet edgenuity quizlet - Jun 22 2023

edgenuity horry county education c conway sc 0 study sets 1 member quizlet has study tools to help you learn anything

improve your grades and reach your goals with flashcards practice tests and expert written solutions today

accessing the guided notes for a course edgenuity - Oct 14 2022

jul 25 2023 reference edgeex accessing guided notes lessons from a number of courses include the guided notes feature where available the guides notes comprise of a separate student version and a teacher version the difference between the two versions is that the teacher version contains answer keys to support the verification of notes students

student information system student manual edgenuity inc - Jun 10 2022

8 edgenuity student manual the sidebar contains the following tools dashboard main page in the sis provides a quick snapshot of your progress and grades messages view e mail messages from your teachers and reply and create new messages mentor information view your assigned mentor s information course information view your courses course description

best tricks on how to utilize edgenuity answers in learning - Jul 11 2022

apr 6 2023 you can study the following subjects through edgenuity cumulative exam answers algebra 1 edgenuity test answers algebra 2 edgenuity sis answers geometry edgenuity unit test answers edgenuity chemistry answers social studies answers trigonometry answers mathematics answers for edgenuity answer keys for edgenuity economics

quizzes tests and exams edgenuity - Feb 06 2022

sep 21 2023 courses assessments quizzes tests and exams september 21 2023 12 22 print article frequently asked questions if the quiz is customized out from a student s course will the questions from the lesson appear on any tests or exams if students pass an assessment can they take it again to raise their score

all answers for edgenuity math 2023 lms mobisoftinfotech - Aug 12 2022

edgenuity answers 7th grade math answers for 2023 exams webthe units of study are summarized below unit 1 proportional relationships and percents unit 2 operations with integers unit 3 operations with rational numbers and similar triangles edgenuity com oklahoma syllabi math mathematics 7 syllabus pdf

how to cheat on edgenuity 123homework - Nov 15 2022

most a students have found this method to be a worthwhile edgenuity hack for most short answer tests you can get a 100 grade let s see how the edgenuity grading system works its ai searches for keywords it expects to see in students answers if you are able to incorporate all of the keywords into your answers you may be guaranteed

edgenuity answers 7th grade math answers for 2023 exams - Apr 20 2023

speed downloads edgenuity answers 7th grade math most popular 3620 kb s 2275 edgenuity answers 7th grade math updated 3937 kb s 2788 edgenuity answers 7th grade math checked 3680 kb s 3948 edgenuity answers 7th grade math full 1608 kb s 9101 edgenuity answers math 7th grade mylibrary org

these students figured out their tests were graded by ai the verge - Feb 18 2023

sep 3 2020 he d completed the first assignment for his seventh grade history class on edgenuity an online platform for virtual learning he d received a 50 out of 100 that wasn t on a practice test

all answers for edgenuity math 2023 esource svb - Mar 19 2023

2 all answers for edgenuity math 2022 12 12 grades 6 12 by randall e groth explores how research in mathematics education can inform teaching practice in grades 6 12 the author shows preservice mathematics teachers the value of being a researcher constantly experimenting with methods for developing students mathematical thinking and

get accurate edgenuity answers pass the courses january - Aug 24 2023

aug 17 2022 looking for best edgenuity answers related to algebra 1 and algebra 2 you must also be among the students who search for edgenuity answer keys to score best in cumulative exam edgenuity but dot know where to find the accurate answers

loading - Mar 07 2022

loading

edgenuity wikipedia - May 09 2022

edgenuity has been criticized for the standardization of their test questions the nature of the standardization causes students who failed a test to receive a very similar set of questions the second attempt making it easy to guess answers via trial and error

edgenuity flashcards and study sets quizlet - Dec 16 2022

learn edgenuity with free interactive flashcards choose from 5 000 different sets of edgenuity flashcards on quizlet

imagine edgenuity student help resources - Sep 13 2022

taking notes for math and english courses 2 59 taking notes for science and social studies courses 2 32 tools for taking notes 3 18 note taking in the digital world 2 10 downloads edgenuity student guide troubleshooting tips for accessing edgenuity at home powerspeak getting started video transcript where to find student reports

edgenuity algebra flashcards and study sets quizlet - Jan 17 2023

learn edgenuity algebra with free interactive flashcards choose from 392 different sets of edgenuity algebra flashcards on quizlet

edgenuity answers r edgenuity reddit - Jul 23 2023

apr 25 2020 there might be an easier way but what i do is copy paste the question in an incognito tab and then go to brainly and then log in then peep the answer and the close out of the window this is important and then repeat u could just use a regular tab but youd have to keep logging out of brainly so my mehtods easier imo lmk if it woerk

classification of life science spot answer key - Mar 10 2023

web classification of life science spot answer key answer key below middle school life science judy capra 1999 08 23 middle school life science teacher s guide is easy to use the new design features tabbed loose sheets which come in a stand up box that fits neatly on a bookshelf it is divided into units and chapters so that you

classification of living organisms chapter exam study com - Dec 07 2022

web classification of living organisms chapter exam choose your answer to the question and click continue to see how you did then click next question to answer the next question when you have

the science spot - Aug 15 2023

web classification of life i use this worksheet during a unit on classification links for an answer key is provided review activities the science spot was developed in march 1999 by tracy tomm science teacher havana junior high havana il activities lessons worksheets available on any page of this web site are intended for use

classification of life science spot answer key free pdf - May 12 2023

web apr 26 2023 if you are looking for the classification of life science spot answer key you ve come to the right place download the answer key pdf for free

classification of life worksheet answer key science spot - Jun 13 2023

web we found some images about classification of life worksheet answer key science spot brainplusiqs com worksheet classification of life worksheet answer key science spot html classification of life answer key mylibrary org

download free science spot classification of life answer key - Apr 11 2023

web sep 8 2023 recognizing the way ways to get this ebook science spot classification of life answer key is additionally useful you have remained in right site to start getting this info acquire the science spot classification of life answer key colleague that we allow here and check out the link you could buy lead science spot classification of life

classification of life science spot answer key - Feb 26 2022

web the science spot spot the vested interest the 1 5 trillion climate change science spot s kid zone planet hunters dairy cattle classification the bullvine the 1 spohrer blog history these entries prior to 2009 creativity thinking skills critical thinking problem what is data science quora injury healthfully the science spot

classification of life science spot answer key 2022 myhome - Mar 30 2022

web answers classification of life worksheet answer key science spot classifying life scientists organize all of earth s life forms into a hierarchy that begins with kingdom and works down into phylum class order family genus and species nova official website classifying lifethe science of classification in biology the arrangement of

classification of life worksheet answer key science spot - Jul 14 2023

web jan 11 2023 classification of life worksheet answer key science spot if you want to help your child learn about science you may need science worksheets answers these are printable worksheets that can be printed from a website

classification of life science spot answer key panoptic - Jan 28 2022

web aug 16 2023 classification of life science spot answer key unveiling the energy of verbal artistry an emotional sojourn through classification of life science spot answer key in a world inundated with displays and the cacophony of immediate conversation the profound power

science nspired life science classification of life by texas - Nov 06 2022

web life science classification of life classroom activities in this lesson students will analyze fossil characteristics and similarities between organisms to determine relative dating of fossils in this lesson students will explore evolutionary relationships by comparing the anatomy of organisms in this lesson students will investigate and

classification of life science spot answer key - Sep 04 2022

web classification of life science spot answer key keywords classification of life science spot answer key created date 10 14 2020 4 12 53 amclassification of life science spot answer keyscience spot classification of life answer key is available in our digital library an online access to it is set as public so you

life science course subjects syllabus colleges admission - Dec 27 2021

web m sc in life science at jawaharlal nehru university new delhi 21 00 lakhs m s in life science at ahmedabad university ahmedabad 3 00 lakhs m s in life science at college of veterinary and animal sciences mannuthy doctoral 85 00 k ph d in life science at career point law college kota 95 83 k

classification of life science spot answer key copy uniport edu - Feb 09 2023

web mar 9 2023 classification of life science spot answer key 2 5 downloaded from uniport edu ng on march 9 2023 by guest students is their only college level science course as such this course represents an important opportunity for students to develop the necessary knowledge tools and skills to make informed decisions as they continue with

science spot classification of life answer key book - Apr 30 2022

web yet set within the lyrical pages of science spot classification of life answer key a captivating function of fictional brilliance that pulses with organic feelings lies an memorable journey waiting to be embarked upon

classification of life science spot answer key - Oct 05 2022

web classification of life science spot answer key home occupational outlook handbook u s bureau of creativity thinking skills critical thinking problem new scientist science news and science articles from new science spot s kid zone dairy cattle classification the bullvine the 1 wake up new zealand what does the globalist agenda new

classification of life science spot answer key - Jan 08 2023

web of life science spot answer key keywords classification of life science spot answer key created date 10 14 2020 4 12 53
amclassification of life science spot answer key science spot classification of life answer key is available in our digital library
an online access to it is set as public so you can get it instantly our digital library

classification of life science spot answer key copy plataforma - Aug 03 2022

web classification of life science spot answer key this is likewise one of the factors by obtaining the soft documents of this
classification of life science spot answer key by online you might not require more period to spend to go to the book
introduction as without difficulty as search for them in some cases you likewise get not discover

classification of life science spot answer key domainlookup - Jun 01 2022

web mar 30 2023 you could buy lead classification of life science spot answer key or acquire it as soon as feasible you could
quickly download this classification of life science spot answer key after getting deal

classification of life science spot answer key - Jul 02 2022

web nov 20 2022 merely said the classification of life science spot answer key is universally compatible like any devices to
read spotlight science keith johnson 2000 topic outlines show parts of the pos to be covered the relationship of the topic to
aspects of ks2 and ks4 and warn of equipment that may need special preparation time in advance