

Science Reasoning Rubric

		2 pts	1 pt	0 pt
Statement	Claim An assertion that something is true	Makes a claim that is sufficient to answer the question <u>and</u> is coherent.	Makes a claim that is sufficient to answer the question <u>or</u> is coherent.	Does not make a claim <u>or</u> makes an incoherent claim.
	or			
Argument	Explanation Describes how and why a phenomenon occurs	Provides an explanation that addresses how <u>and</u> why a phenomenon occurs	Provides an explanation that addresses how <u>or</u> why a phenomenon occurs	Does not provide an explanation.
	Reasoning Provides reasons the reader should accept your claim or explanation.	Includes <u>all</u> of the following: ☐ Cites sufficient and relevant evidence to support the claim/explanation. ☐ Describes how the cited evidence defends the claim/explanation. ☐ Reader feels compelled to accept your argument.	Includes <u>two</u> of the following: ☐ Cites sufficient and relevant evidence to support the claim/explanation. ☐ Describes how the cited evidence defends the claim/explanation. ☐ Reader feels compelled to accept your argument.	Includes <u>one or none</u> of the following: ☐ Cites sufficient and relevant evidence to support the claim/explanation. ☐ Describes how the cited evidence defends the claim/explanation. ☐ Reader feels compelled to accept your argument.

Figure 2: Science Reasoning Rubric

Science Writing Rubrics

LP Steffe



Science Writing Rubrics:

Unveiling the Power of Verbal Artistry: An Emotional Sojourn through **Science Writing Rubrics**

In a world inundated with displays and the cacophony of instant interaction, the profound power and emotional resonance of verbal art often diminish in to obscurity, eclipsed by the regular onslaught of noise and distractions. Yet, situated within the musical pages of **Science Writing Rubrics**, a interesting work of literary elegance that pulses with fresh feelings, lies an remarkable trip waiting to be embarked upon. Penned by a virtuoso wordsmith, that exciting opus instructions visitors on a psychological odyssey, softly revealing the latent potential and profound influence embedded within the elaborate web of language. Within the heart-wrenching expanse of this evocative examination, we shall embark upon an introspective exploration of the book is central themes, dissect their fascinating publishing model, and immerse ourselves in the indelible impression it leaves upon the depths of readers souls.

https://crm.avenza.com/book/Resources/Documents/rapport_dinformation_sur_le_dispositif_de_soutien_aux_exportations_dar mement.pdf

Table of Contents Science Writing Rubrics

1. Understanding the eBook Science Writing Rubrics
 - The Rise of Digital Reading Science Writing Rubrics
 - Advantages of eBooks Over Traditional Books
2. Identifying Science Writing Rubrics
 - 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 Science Writing Rubrics
 - User-Friendly Interface
4. Exploring eBook Recommendations from Science Writing Rubrics

- Personalized Recommendations
- Science Writing Rubrics User Reviews and Ratings
- Science Writing Rubrics and Bestseller Lists
- 5. Accessing Science Writing Rubrics Free and Paid eBooks
 - Science Writing Rubrics Public Domain eBooks
 - Science Writing Rubrics eBook Subscription Services
 - Science Writing Rubrics Budget-Friendly Options
- 6. Navigating Science Writing Rubrics eBook Formats
 - ePub, PDF, MOBI, and More
 - Science Writing Rubrics Compatibility with Devices
 - Science Writing Rubrics Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Science Writing Rubrics
 - Highlighting and Note-Taking Science Writing Rubrics
 - Interactive Elements Science Writing Rubrics
- 8. Staying Engaged with Science Writing Rubrics
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Science Writing Rubrics
- 9. Balancing eBooks and Physical Books Science Writing Rubrics
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Science Writing Rubrics
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Science Writing Rubrics
 - Setting Reading Goals Science Writing Rubrics
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Science Writing Rubrics

- Fact-Checking eBook Content of Science Writing Rubrics
- 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

Science Writing Rubrics Introduction

Science Writing Rubrics 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. Science Writing Rubrics Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Science Writing Rubrics : 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 Science Writing Rubrics : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Science Writing Rubrics Offers a diverse range of free eBooks across various genres. Science Writing Rubrics Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Science Writing Rubrics Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Science Writing Rubrics, especially related to Science Writing Rubrics, 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 Science Writing Rubrics, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Science Writing Rubrics books or magazines might include. Look for these in online stores or libraries. Remember that while Science Writing Rubrics, 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 Science Writing Rubrics 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 Science Writing Rubrics 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 Science Writing Rubrics eBooks, including some popular titles.

FAQs About Science Writing Rubrics Books

1. Where can I buy Science Writing Rubrics books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Science Writing Rubrics book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Science Writing Rubrics books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Science Writing Rubrics audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.

9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Science Writing Rubrics books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Science Writing Rubrics :

rapport dinformation sur le dispositif de soutien aux exportations darmement

rawlinsons building cost guide

ratio lesson plan linda bolin

raoul the angel of music book english edition

rational expressions practice problems and answers

range rover classic first generation full service repair manual 1987 1996

range rover workshop manual 2 5 diesel

raw summer bass recipe

rav4 2007 repair manual

rapid application development white papers

ransomes bobcat 48 walk behind parts manual

ramsey electrical mechanic guide

~~ravishing the princess steamy first time erotic romance~~

rappelz solus aurum manual patch

rapunzel by susan hill

Science Writing Rubrics :

arms armour in the collection of her majesty the queen 0000000000 - Aug 01 2022

web jun 15 2016 arms armour in the collection of her majesty the queen 0000000000 a v b norman ian eaves 0000000000 royal collection trust

0000000000 volume 1 european armour 0000000000 2016 6 15 0000000000 544 0000000000 hardcover isbn 9781905686483 0000000000 0000000000 0000000000 0000000000 0000000000

0 0000000000 0000000000

arms armour in the collection of her majesty the queen european armour - Mar 28 2022

web sep 20 2023 armour in the collection of her majesty the queen buy arms and armour in the collection of her majesty the arms amp armour the rothschild archive download masterpieces of european arms and armour in the arms amp armour in the collection of her majesty the queen european arms

arms armour in the collection of her majesty the queen - Oct 03 2022

web volume 1 european armour is the first catalog to offer a comprehensive inventory of this substantial and historically significant collection in more than one hundred years

arms and armour in the collection of her majesty the queen - Mar 08 2023

web find 9781905686483 arms and armour in the collection of her majesty the queen european armour by norman et al at over 30 bookstores buy rent or sell buy rent arms and armour in the collection of her majesty the queen european armour author s a v b norman ian eaves published 2016

arms armour in the collection of her majesty the quee - Sep 14 2023

web mar 15 2016 volume 1 european armour is the first catalog to offer a comprehensive inventory of this subs arms armour in the collection of her majesty the queen volume i european armour by a v b norman goodreads

arms and armour royal collection trust - Oct 15 2023

web in the collection of her majesty the queen european armour ian eaves and a v b norman 528 pages quite apart from the texts which are as uncompromisingly extensive thorough and detailed as anyone could hope for arms and armour in the collection of her majesty the queen european armour is gorgeous visually tobias capwell the

holdings arms armour in the collection of her majesty the queen - Sep 02 2022

web arms and armour in the collection of her majesty the queen arms and armor in the collection of her majesty the queen arms armor in the collection of her majesty the queen european armour european armor other authors contributors norman a v b alexander vesey bethune 1930 1998 eaves ian 1947 blackmore howard l isbn

arms and armour in the collection of her majesty - Feb 07 2023

web among the highlights of the collection are imposing sets of greenwich armor created in the sixteenth century for henry viii and sir christopher hatton an exceptionally beautiful set of armor created in the early seventeenth century for henry prince of wales and an ornate field garniture belonging to julius duke of brunswick a fine example o

arms armour in the collection of her majesty the queen - Nov 04 2022

web this volume on the royal collection s european arms and armour will provide the first catalogue of this substantial and important collection of historic weapons for more than a hundred years highlights of volume i include the famous set of armour made for henry viii in around 1540 and the exceptionally beautiful armour made for henry

arms armour in the collection of her majesty the george - Apr 28 2022

web arms armour in the collection of her majesty the queen alexander vesey bethune norman 2016 volume 1 european armour is the first catalog to offer a comprehensive inventory of this substantial and historically significant collection in more than one hundred years among the highlights of the collection

ebook arms and armour in the collection of her majesty the queen - Feb 24 2022

web download or read book arms and armour in the collection of her majesty the queen written by a v b norman and published by royal collection this book was released on 2016 with total page 517 pages available in pdf epub and kindle

arms armour in the collection of her majesty the queen - Jul 12 2023

web jun 15 2016 arms armour in the collection of her majesty the queen volume i european armour norman a v b eaves ian on amazon com free shipping on qualifying offers arms armour in the collection of her majesty the queen volume i european armour

field armor of king henry viii of england reigned 1509 47 - Jun 30 2022

web field armor of king henry viii of england reigned 1509 47 this impressive armor was made for henry viii reigned 1509 47 toward the end of his life when he was overweight and crippled with gout constructed for use both on horse and on foot it was probably worn by the king during his last military campaign the siege of boulogne in

arms and armour in the collection of her majesty the queen - Apr 09 2023

web arms and armour in the collection of her majesty the queen volume i by a v b norman ian eaves 2016 royal collection enterprises limited edition in english

armor of henry herbert 1534 1601 second earl of pembroke - May 30 2022

web arms armour in the collection of her majesty the queen european armour 1st ed ed london royal collection trust 2016 pp 137 143 southwick leslie the greenwich armour of henry frederick prince of wales and others presented to and commissioned by the prince between 1604 and 1612

arms armour in the collection of her majesty the queen - Dec 05 2022

web among the highlights of the collection are imposing sets of greenwich armor created in the sixteenth century for henry viii and sir christopher hatton an exceptionally beautiful set of armor created in the early seventeenth century for henry prince of wales and an ornate field garniture belonging to julius duke of brunswick a fine example of

arms armour in the collection of her majesty the queen - May 10 2023

web arms armour in the collection of her majesty the queen volume i european armour by norman a v b eaves ian isbn 10 190568648x isbn 13 9781905686483 royal collection trust 2016 hardcover

new catalogue of arms and armour from royal collection trust - Jun 11 2023

web arms and armour in the collection of her majesty the queen european armour published by royal collection trust covers

over 250 items from complete armours to spurs stirrups and saddles among the most celebrated items in the collection is an armour garniture made for henry viii in around 1540 on display at windsor castle

arms armour in the collection of her majesty the queen - Aug 13 2023

web apr 18 2016 buy arms armour in the collection of her majesty the queen european armour 01 by norman a v b eaves ian isbn 9781905686483 from amazon s book store everyday low prices and free delivery on eligible orders

arms armour in the collection of her majesty the queen - Jan 06 2023

web this volume on the royal collection s european arms and armour will provide the first catalogue of this substantial and important collection of historic weapons for more than a hundred years highlights of volume i include the famous set of armour made for henry viii in around 1540 and the exceptionally beautiful armour made for henry

the nhs bursary scheme new rules gov uk - Oct 21 2022

web feb 5 2018 applications to study nursing in england have fallen for a second year dropping by a third since the government removed bursaries in 2017 requiring nurses

nhs bursary reform gov uk - May 28 2023

web dec 9 2015 details from 1 august 2017 new nursing midwifery and related health students will no longer receive nhs bursaries instead they will have access to the

türkiye scholarships - Nov 21 2022

web government nursing bursary application for 2015 qualifications pdf that you are looking for it will very squander the time however below considering you visit this web

nursing students to receive 5 000 payment a year - Jul 30 2023

web dec 18 2015 information about the proposed reform of the nhs bursary system read about changes to healthcare education funding for student nursing midwifery and

government nursing bursary application for 2015 qualifications - May 16 2022

web saĖlık hızmeteri meslek yŖksekokulu tercih bursu 20 aĖiz ve dıř saĖliĖi Ŗcretli 16 200 00 tl 20 12 960 00 tl aĖiz ve dıř saĖliĖi 50

nhs bursaries eligibility gov uk - Jun 28 2023

web tŖbŖtak bilim insani destekleme daire başkanliĖı bideb tarafından verilen 2235 en az geliřmiř Ŗlkeler lisansŖstŖ burs programı kapsamında yapılan 2015 yılı 1

government nursing bursary application for 2015 alicem lli - Jan 12 2022

web no hand delivered or emailed applications will be accepted all applications must be done online closing date friday 29th of september 2023 opportunities training applicants

nhs learning support fund lsf nhsbsa - Dec 23 2022

web 1 4 these rules apply to the groups of students referred to in paragraph 1 1 a to e they apply for the year from 1 september 2022 to 31 august 2023 they contain 3 a

nhs bursaries how to apply gov uk - Aug 31 2023

web to be eligible to apply for an nhs bursary you must have been living in the uk the channel islands or the isle of man for 3 years up to the start of the academic year you

applying for the bursary and allowances paramedic nursing and - Apr 14 2022

web jul 5 2022 nursing applications for 2023 intake department of health bursary applicants are invited to apply to the gauteng college of nursing to study towards the

government nursing bursary application for 2015 qualifications - Sep 19 2022

web jan 23 2023 yes student nurses do get an nhs bursary in 2023 but it s important to note exactly how it works as a minimum nursing students can access a non means

annual nursing payments health careers - Feb 22 2023

web if you re a new healthcare student starting from september or october 2023 you can apply for the nhs learning support fund from 1 march 2023 you should not apply on any

nursing applications for 2023 intake department of health bursary - Feb 10 2022

web apr 28 2023 the bursary the bursary is for the normal duration of the course that you are undertaking if you are taking the four year honours nursing degree course and you

nhs bursaries overview gov uk - Oct 09 2021

applications open for the gauteng provincial government - Nov 09 2021

nursing course applications fall for second year after student - Aug 19 2022

web dec 30 2015 basın duyurusu 30 aralık 2015 2015 tuz sonbahar dönemi yerleştirme sonuçlarının açıklanması 2015 tıpta uzmanlık eğitimi giriş sınavı 2015

the bursary paramedic nursing and midwifery students 2023 to - Dec 11 2021

web you can get an annual payment from the nhs to help with your study and living costs known as a bursary if you re studying to be a doctor or dentist you do not have to

nhs bursary reform gov uk - Mar 26 2023

web oct 22 2020 back in 2015 then chancellor george osborne announced that the nursing bursary which offered student

nurses at least 10 000 a year in funding would be

how the new nursing bursary works nurses co uk - Jan 24 2023

web türkiye scholarships is considered to be the most comprehensive scholarship program in the world with the provision of university and department placement monthly stipend

t c İstanbul yeni yüzyıl Üniversitesi - Mar 14 2022

web this government nursing bursary application for 2015 as one of the most full of life sellers here will completely be in the middle of the best options to review encyclopedia

2235 programı 2015 yılı 1 dönem başvuru sonuçları açıklandı - Apr 26 2023

web annual payments of at least 5 000 are available to help eligible undergraduate and postgraduate student nurses fund their studies best of all they won t need to be repaid

do student nurses get an nhs bursary and how you can - Jul 18 2022

web how to survive your nursing or midwifery course nursing practice and health care 5e government nursing bursary application for 2015 qualifications downloaded from

2015 tus sonbahar dönemi yerleştirme sonuçlarının - Jun 16 2022

web apr 13 2022 applying for the bursary and allowances you can apply for student funding on the saas website by completing an online application form at the following link

the myth of mental illness foundations of a theory of personal - Aug 10 2022

web the myth of mental illness foundations of a theory of personal conduct thomas s szasz amazon com tr kitap

the myth of mental illness foundations of a theory of personal - Jun 08 2022

web 50th anniversary edition with a new preface and two bonus essays the most influential critique of psychiatry ever written thomas szasz s classic book revolutionized thinking about the nature of the psychiatric profession and the moral implications of its practices

the myth of mental illness foundations of a theory of personal - Apr 06 2022

web the myth of mental illness foundations of a theory of personal conduct thomas szasz hoeber harper 1961 hysteria 337 pages

the myth of mental illness foundations of a theory of personal - Feb 16 2023

web the myth of mental illness foundations of a theory of personal conduct

the myth of mental illness 50 years after publication what - Nov 13 2022

web in 1960 thomas szasz published the myth of mental illness arguing that mental illness was a harmful myth without a demonstrated basis in biological pathology and with the potential to damage current conceptions of human responsibility

szasz's arguments have provoked considerable controversy over
[the myth of mental illness foundations of a theory of personal](#) - May 07 2022

web the myth of mental illness foundations of a theory of personal conduct bookreader item preview the myth of mental illness foundations of a theory of personal conduct by szasz thomas stephen 1920 publication date 1974 topics hysteria mental illness psychiatry philosophy

the myth of mental illness foundations of a theory of personal - Dec 14 2022

web feb 23 2010 50th anniversary edition with a new preface and two bonus essays the most influential critique of psychiatry ever written thomas szasz's classic book revolutionized thinking about the nature of the psychiatric profession and the moral implications of its practices

[the myth of mental illness foundations of a theory of personal](#) - Apr 18 2023

web jul 12 2011 the myth of mental illness foundations of a theory of personal conduct the landmark book that argued that psychiatry consistently expands its definition of mental illness to impose its

[the myth of mental illness apa psycnet](#) - Feb 04 2022

web abstract my aim in this essay is to raise the question is there such a thing as mental illness and to argue that there is not major sections are mental illness as a sign of brain disease mental illness as a name for problems in living the role of ethics in psychiatry choice responsibility and psychiatry and conclusions

[the myth of mental illness foundations of a theory of personal](#) - May 19 2023

web szasz t s 1974 the myth of mental illness foundations of a theory of personal conduct harperperennial doi org 10 1016 b978 0 08 017738 0 50007 7 abstract in this book i shall view psychiatry as a theoretical science as consisting of the study of personal conduct

the myth of mental illness foundations of a theory of personal - Jan 03 2022

web jul 12 2011 the myth of mental illness foundations of a theory of personal conduct kindle edition by szasz thomas download it once and read it on your kindle device pc phones or tablets use features like bookmarks note taking and highlighting while reading the myth of mental illness foundations of a theory of personal conduct

the myth of mental illness foundations of a theory of personal - Mar 05 2022

web thomas szasz harper row 1974 hysteria 297 pages the author believes that what is nowadays accepted as mental illness is whatever psychiatrists say it is and that psychiatry has with

the myth of mental illness foundations of a theory of personal - Jan 15 2023

web szasz t s 1974 the myth of mental illness foundations of a theory of personal conduct rev ed harper row abstract posits that what is termed mental illness is in fact behavior disapproved of by the speaker a

the myth of mental illness foundations of a theory of personal - Jun 20 2023

web the myth of mental illness foundations of a theory of personal conduct thomas szasz 3 78 1 481 ratings134 reviews a classic work that has revolutionized thinking throughout the western world about the nature of the psychiatric profession and

the myth of mental illness foundations of a theory of personal - Jul 21 2023

web mar 31 2018 the myth of mental illness foundations of a theory of personal conduct by szasz thomas s publication date 1974 topics ethics mental illness psychiatry

the myth of mental illness wikipedia - Aug 22 2023

web the myth of mental illness foundations of a theory of personal conduct is a 1961 book by the psychiatrist thomas szasz in which the author criticizes psychiatry and argues against the concept of mental illness it received much publicity and has become a classic well known as an argument that mentally ill is a label which psychiatrists

review of the myth of mental illness foundations of a theory of - Oct 12 2022

web reviews the books the myth of mental illness foundations of a theory of personal conduct by thomas s szasz 1961 and an introduction to psychoanalytic theory of motivation by walter toman see record 1961 06517 000

the myth of mental illness thomas s szasz the british - Jul 09 2022

web the myth of mental illness thomas s szasz published online by cambridge university press 02 january 2018 john birtchnell article eletters metrics get access cite rights permissions extract thomas szasz is one of the most disliked names in contemporary psychiatry and the myth of mental illness is one of the most disapproved of books

the myth of mental illness foundations of a theory of personal - Mar 17 2023

web the myth of mental illness foundations of a theory of personal conduct paperback 1 mar 2010 the landmark book that argued that psychiatry consistently expands its definition of mental illness to impose its authority over moral and cultural conflict

thomas szasz the bmj - Sep 11 2022

web oct 17 2012 in 1961 he had published a book attacking the specialty the myth of mental illness foundations of a theory of personal conduct he argued that so called mental illnesses are not diseases but instead are simply problems in living that might include undesirable thoughts feelings and behaviours