

	Skills	Language focus	Texts
UNIT 1	Planning a career in science Applying for research funding Writing up a résumé or CV Preparing for an interview	Talking about your career path Summarising a research proposal Organising and adding detail to a résumé or CV Preparing and practising the presentation of a proposal Answering interview questions	Listening A researcher discusses her career options A supervisor gives advice on writing a CV A researcher practises presenting a research proposal Reading A notice for a scholarship A project summary An extract from a CV An extract from an email Advice on conference call interviews
Getting started in research page 6			
UNIT 2	Communicating with scientific communities Writing a critical review Completing a Material Transfer Agreement	Recognising different styles of writing Asking for help using an online forum Reading and note-taking for a critical review Completing an MTA (Material Transfer Agreement)	Listening A student asks for advice on writing a critical review A student discusses published research with his supervisor A researcher completes an MTA with help from his supervisor Reading Extracts from different styles of writing Questions from an online science forum An extract from a critical review An email
The scientific community page 14			
UNIT 3	Doing a literature review Using evidence in arguing a point Taking part in a meeting	Linking sentences in writing (1) Arguing for and against an idea appropriately Supporting ideas with evidence Following a discussion in a team meeting Interrupting a meeting appropriately	Listening A student explains a new idea to her supervisor Four scientists describe their problems with team meetings in English A monthly research meeting Reading Extracts from a literature review An extract from an email How geckos walk on walls
Finding a direction for your research page 22			
UNIT 4	Describing approaches to data collection Designing an experimental set-up Describing material phenomena and forces Making predictions of experimental results	Making suggestions and plans for an experiment Giving advice to a colleague Prefixes and suffixes (1) Predicting the results of an experiment	Listening A researcher discusses procedure with her supervisor A researcher describes her experimental set-up to a colleague A researcher makes predictions about her experiment Reading The scientific method
Designing an experiment page 30			
UNIT 5	Describing a process Evaluating the results of an experiment Describing problems with an experiment Keeping a lab notebook	Describing experimental procedure Revising a paper (1) Describing expectations and outcomes of an experiment Describing and reporting problems in an experiment Linking sentences in writing (2) Using symbols and abbreviations in lab notebooks Describing lab protocols	Listening A researcher asks a colleague to comment on his paper A researcher discusses the progress of his research with a colleague A researcher reports a problem with his research A researcher explains why she prefers using an electronic lab notebook Reading A summary of a scientific procedure A summary of a researcher's results
Describing an experiment page 38			

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UNIT 6	Describing states and processes	Describing procedure in the materials and method section	Listening A student gets advice on the first draft of a paper
Writing up research 1: materials and methods page 46	Describing data: numbers / numerical values Writing up from lab notes	Revising a paper (2) Expressing numbers and describing data Prefixes and suffixes (2) Rewriting lab notes for a paper	Researchers discuss experimental data A student describes changes to her method Reading Extracts from an early draft of a paper Extracts from a researcher's lab notebook
UNIT 7	Analysing data (statistical analysis)	Prefixes and suffixes (3) Describing data for statistical analysis	Listening A student describes his research
Writing up research 2: presenting data page 54	Summarising data in visual form Writing captions for figures Describing visual data	Comparing and contrasting experimental results (1) Writing a caption for a figure or graph Describing a figure or graph in a paper	A supervisor asks a student to make corrections to a figure A student asks her supervisor for help with her paper Reading Extracts from a researcher's lab notebook A table of experimental data
UNIT 8	Organising the results and discussion sections	Organising writing in paragraphs Referring to visual data in a paper	Listening A student explains his research to a colleague
Writing up research 3: results and discussion page 62	Preparing and writing the results section Preparing and writing the discussion section	Comparing and contrasting experimental results (2) Summarising information efficiently (1) Describing the limitations of research Making suggestions for future research	A student gets advice on the first draft of a paper Reading Extracts from a student's paper
UNIT 9	Writing the introduction	Reporting the work of other researchers in a paper	Listening A supervisor comments on the first draft of his student's abstract
Writing up research 4: introduction and abstract page 70	Writing the abstract Giving a title to your paper Contacting journals	Organising an abstract Summarising information efficiently (2) Writing a cover letter to a scientific journal	A student discusses the title of a paper with his supervisor Reading Extracts from a student's paper Advice on how to get your research published A cover letter to a scientific journal
UNIT 10	Giving a paper at a conference	Helping an audience understand the organisation of a presentation	Listening A researcher gives a paper at a conference
Presenting research at a conference page 78	Socialising at a conference Presenting a poster	Socialising at a conference Organising a poster Summarising the content of a poster	Eight conversations of people socialising at a conference A student answers questions about his poster presentation Reading How the adaptive immune system responds to a viral vaccine Advice on preparing a good poster

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