



SCHOLAR QUICK START GUIDE

curriculum for excellence



SCHOLAR QUICK START GUIDE (STUDENT EDITION)

SCHOLAR is an online portfolio of interactive learning material for Scottish schools at National 5, Higher and Advanced Higher level. Aligned to the SQA framework, subjects include STEM (Science, Technology, Engineering and Maths), Business and Languages. SCHOLAR material contains a wealth of interactive multimedia, quizzes and assessments.

SCHOLAR material can be used both as a study aid and for revision. This quick start guide will take you through the steps to get up and running with SCHOLAR.

LOG ON TO SCHOLAR

Go to <http://scholar.hw.ac.uk> and click on **Login to SCHOLAR**. Type in your username and password. Your username is your SCN (1) and your password will be issued by your school. If you haven't been given one ask your teacher. While you're logging in, SCHOLAR does a quick technical check of your browser to make sure that you have the correct plugins installed. If the traffic light (2) turns green your system meets the requirements. If not, click on the traffic light for more information.

SCHOLAR
A Programme of Heriot-Watt University
Prògram Oilthigh Heriot-Watt

HERIOT WATT UNIVERSITY

Login Page

Username: 1

Password:

Login

- SCHOLAR Public Site
- Technical Requirements
- Try SCHOLAR

[Alternatively Scottish users can login using Glow](#)

i

Your system meets all the requirements of the SCHOLAR site.
Please click on the traffic light icon to retrieve more technical information.

2

YOUR MY SCHOLAR PAGE

After you've logged in, you'll see your My SCHOLAR page. It lists the courses you are enrolled on (1). On the left hand side you'll see various menu items (2). These change depending on where you are within SCHOLAR.

My SCHOLAR > Logout ▶

My SCHOLAR Advanced Search Search the site 90 Text Size: A A A

General
 My SCHOLAR
 Reports
 Revision Planner

Revision Today
 None

Tools
 Special Character Bar

Information
 Live Online Sessions
 Technical Requirements
 Be safe on the internet

Welcome of Heriot-Watt University
 You last worked on [Higher Chemistry](#) on 01 Jul 2014 12:09

SCHOLAR News 1 / 3 ◀ ▶

CfE Higher Biology Update
 The complete SCHOLAR course for CfE Higher Biology is now available to teachers via the School Overview Account

1 You are currently enrolled on the following 73 courses:

	Study Guides	Discussion	FAQ
Advanced Higher Spanish			
CCEA AS GCE Biology			
Intermediate 2 Mandarin			
Higher (CfE) Psychology - COMING SOON			
Higher ESOL			

2

VIEWING A COURSE

Taking Higher Chemistry as an example, when we click on it we see the complete course material. It's broken down into **Units** (or **Themes** or **Contexts** if you're doing Modern Languages). To see the topics contained within the units click on the unit you're interested in and it expands to display the topics. If you want to view all the topics in all units at a glance, click on the **Show** link (1). To collapse the list click on **Hide**.

My SCHOLAR > Higher Chemistry > Logout ▶

Higher Chemistry Advanced Search Search this course 90 Text Size: A A A

You last worked on [Enthalpy](#) on 12 Jun 2014 14:11 **1** [Show / Hide](#) all units

▶ [Unit 1: Energy Matters \(D069 12\)](#)

▶ [Unit 2: The World of Carbon \(D070 12\)](#)

▶ [Unit 3: Chemical Reactions \(D071 12\)](#)

▶ [Consolidation of Learning](#)

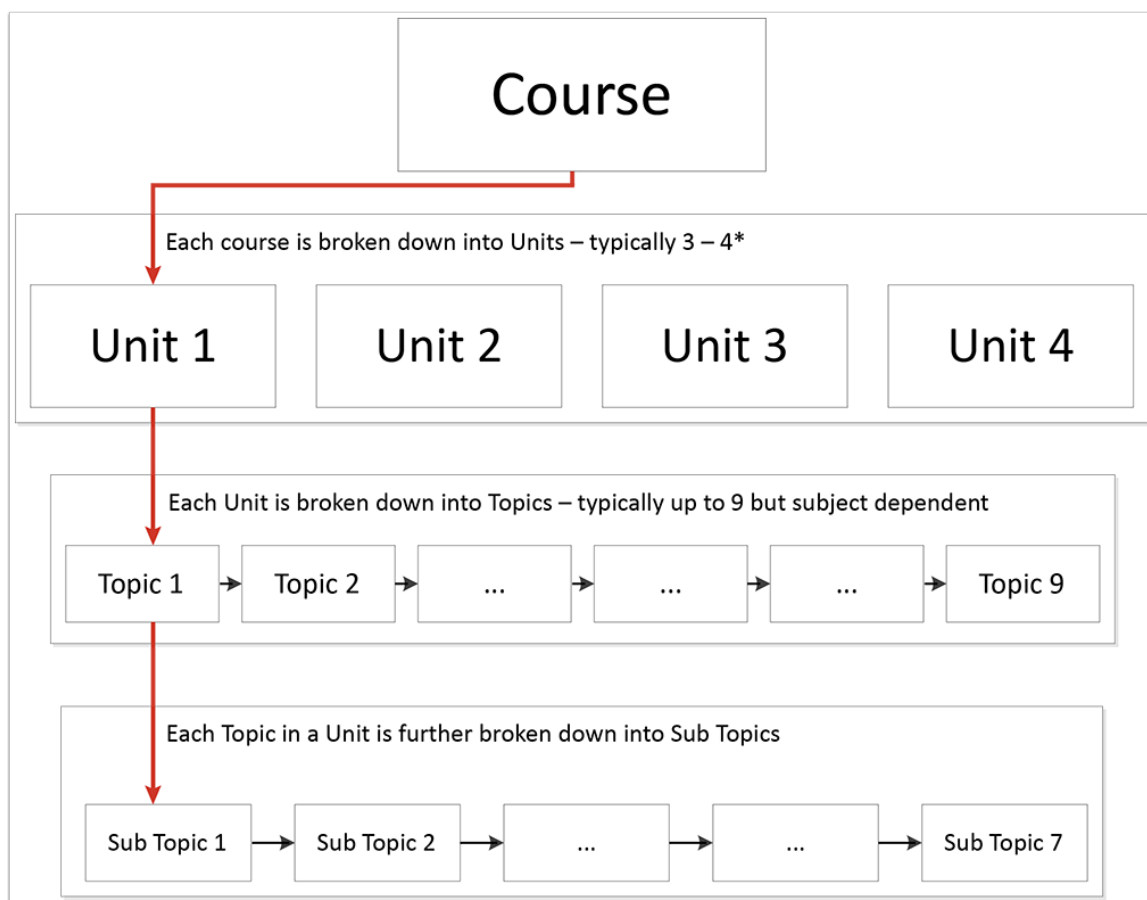
The SQA Data Booklet can be found at the following location:
http://www.sqa.org.uk/files_ccc/NOChemistryDataBooklet_H_AdvH.pdf
 Copyright (c) Scottish Qualifications Authority

General
 My SCHOLAR
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Resources
 Study Guides
 Discussion
 Activities

Revision Today
 None

It may be helpful to see a block diagram of a typical course. It's important to understand the navigation system so that you get the most from SCHOLAR.



EXPANDED UNIT VIEW

With the **Show** view still active we can see that each unit is broken down into a series of topics. We'll choose Unit 1 Topic 1. **Enthalpy** (1). Each unit ends with an **End of Unit** test (2) to consolidate your knowledge. Your score is recorded in the **Reports** system (3) so that you can track your progress throughout the course.

EXPLORING A TOPIC

We're looking at **Unit 1: Energy Matters > Topic 1 Enthalpy** of Higher Chemistry. You always know where you are in SCHOLAR by looking at the breadcrumb trail (1). You can also use these links to navigate between units and topics of your course. If wanted to go back to the home page for Higher Chemistry click on Higher Chemistry (2)

Just like the units, you can also expand the topic to see its subtopics by using the Show / Hide facility (3). You will find various types of activities to do as you progress through the topic. There's an activity key at the bottom of every topic page to help you identify the activity types (4).

Other features on a topic page include an End of Topic (5) test to consolidate your knowledge of that topic. Like the End of Unit tests these tests are recorded in your Report so that you can check on your progress.

Many topics also include a Glossary (6). Throughout the topic you will see dashed, underlined key words or phrases. You can hover over these for more information or click on it to go to the full glossary list.

The screenshot displays the SCHOLAR interface for 'Topic 1 Enthalpy'. At the top, a breadcrumb trail (1) shows the path: 'My SCHOLAR > Higher Chemistry > Unit 1: Energy Matters (D069 12) > Topic 1 Enthalpy >'. A 'Logout' link is in the top right. Below the breadcrumb, the page title '1 Enthalpy' is shown, along with an 'Advanced Search' box and 'Text Size' options (A A A). A 'Show / Hide all sub-topics' link (3) is on the right. The left sidebar contains sections: 'General' (2) with links to 'My SCHOLAR', 'Reports', and 'Revision Planner'; 'Resources' with 'Study Guides', 'Discussion', and 'Activities'; 'Revision Today' set to 'None'; 'Tools' with 'Special Character Bar'; and 'Information' with 'Live Online Sessions', 'Technical Requirements', and 'Be safe on the internet'. The main content area lists sub-topics: '1 Enthalpy', '1.1 Introduction', '1.2 Potential energy diagrams', '1.3 Enthalpy changes', '1.4 Summary', '1.5 Resources', and '1.6 End of topic test' (5). A 'Glossary' link (6) is below the sub-topics. At the bottom, an activity key (4) lists various activity types: Assessment, Calculation, Case study, Discussion, Extra help, Interactivity, Paper-based, Practical, Programming, Reading, Video, Notebook, Internet, Listening, and Extra study.

WORKING THROUGH A TOPIC

To start at the beginning of a topic, in this case Unit 1, Topic 1 of Higher Chemistry, we'll click **1. Enthalpy**.

All topics start with learning objectives - what you'll learn from that particular topic. This will either be displayed in the main text (1) or by clicking on the *i* icon. Clicking on the *i* also gives you additional information about the topic. In this case time taken, prerequisites and learning objectives.

The screenshot shows a web interface for a topic page. On the left, there is a navigation menu with sections: 'General' (My SCHOLAR, Reports, Revision Planner), 'Resources' (Enable Topic Outline, Study Guides, Discussion, Activities), 'Revision Today' (None), and 'Tools' (Special Character Bar). The main content area shows the breadcrumb trail 'My SCHOLAR > Higher Chemistry > Unit 1 > 1 Enthalpy'. A red circle with the number '2' points to the '1 Enthalpy' breadcrumb. A red circle with the number '1' points to a forward arrow icon. A 'Topic Information' pop-up window is open, showing details for 'Enthalpy':

- Topic Name:** Enthalpy
- Time taken:** 270 minutes
- Prerequisites:** Before you begin this topic, you should be able to:
 - construct balanced chemical equations;
 - define some types of reactions (e.g combustion, neutralisation).
- Learning objectives:** When you have completed this topic, you should be able to:
 - state that a potential energy diagram shows the energy pathway for a reaction;
 - calculate the enthalpy change as the energy difference between products and reactants;

A red circle with the number '3' points to the 'Topic Information' header.

To navigate to the next section and subsequent sections click on the forward arrow (1). If, at any time you want to go back to the top level of the topic click on **Topic 1 Enthalpy** of the breadcrumb trail (2).

The screenshot shows a web interface for a topic page. At the top, there is a breadcrumb trail: 'Higher Chemistry > Unit 1: Energy Matters (D069 12) > Topic 1 Enthalpy >'. A red circle with the number '2' points to the 'Topic 1 Enthalpy' breadcrumb. Below the breadcrumb is a search bar with the text 'Advanced Search Search this course' and a 'Text Size: A A A' option. The main content area shows the text 'Before you begin this topic, you should be able to:' followed by a list of prerequisites:

- construct balanced chemical equations;
- define some types of reactions (e.g combustion, neutralisation).

 A red circle with the number '1' points to a forward arrow icon. At the bottom, there is a 'Report an error on this page' button and a 'Back to top' button.

SEARCHING SCHOLAR: FINDING INFORMATION QUICKLY

You can search for information across all the courses you are enrolled on or you can search a specific course. To search through all your course make sure you are on your My SCHOLAR page and then type a search term into the **Search this site** box (1). If you are currently in a course, the search box will say **Search this course** and will restrict the search to that course. In either case you have access to an Advanced Search where you can fine tune and filter your search terms (2).

My SCHOLAR > Logout ▶

My SCHOLAR Advanced Search 90 Text Size: A A A

General

- My SCHOLAR
- Reports
- Revision Planner

Revision Today

- None

Tools

- Special Character Bar

Information

- Live Online Sessions
- Technical Requirements

Welcome o 2 rriot-Watt Uni 1 ity

You last worked on [Higher Chemistry](#) on 01 Jul 2014 11:59

SCHOLAR News 1 / 3

[CFE Higher Biology Update](#)

The complete SCHOLAR course for CFE Higher Biology is now available to teachers via the School Overview Account

You are currently enrolled on the following 73 courses:

- [Advanced Higher Spanish](#)

[Study Guides](#) [Discussion](#) [FAQ](#)

FINDING ACTIVITIES AT A GLANCE

When you are anywhere within a course, in this case Higher Chemistry, you can view all the SCHOLAR activities for that course by clicking on **Activities** under the **Resources** menu (1).

My SCHOLAR

- Reports
- Revision Planner

Resources

- Study Guides
- Discussion
- Activities 1

Revision Today

- None

Tools

- Special Character Bar

Information

- Live Online Sessions
- Technical Requirements

Found 151 Activities

Unit 1: Energy Matters (D069 12)

Enthalpy

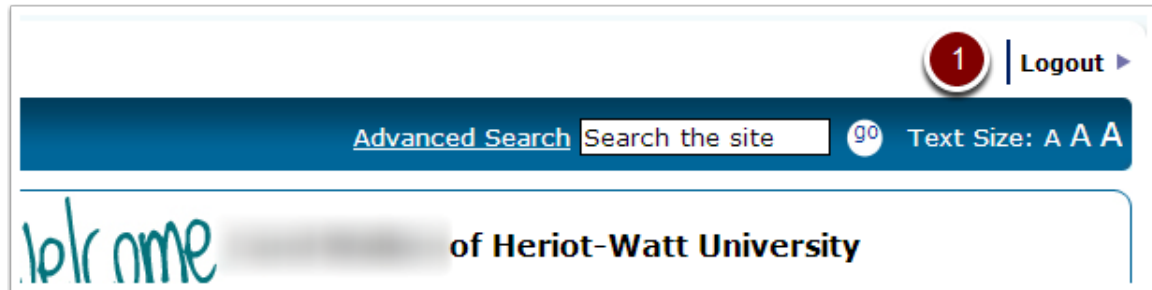
- ASSESSMENT**
 - End of topic test
 - Enthalpy of combustion questions
- INTERACTIVITY**
 - An experiment to determine the enthalpy of solution of ammonium nitrate
 - Determination of the enthalpy of combustion of an alcohol
- PRACTICAL**
 - PPA1 The enthalpy of combustion of an alcohol (Higher Unit 1 PPA3)

Reaction rates

- ASSESSMENT**
 - End of topic test
 - Tutorial examples
- INTERACTIVITY**
 - Collisions and concentration
 - Collisions and particle size
 - Collisions and temperature
 - Energy distribution and temperature

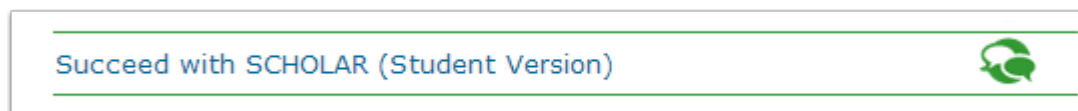
REMEMBER TO LOG OUT

If you are using SCHOLAR at school, it's important that you remember to log out so that no one else can access your account. To do this, click on the logout link (1).



WANT TO KNOW MORE?

We have a series of short video clips which go into more detail. It's called Succeed with SCHOLAR. You automatically have access to this course and it's listed with your other enrolled courses.



FINALLY...

To keep up-to-date with SCHOLAR you can follow us on Twitter and Facebook. We run live online homework sessions throughout the year and we announce them through these channels. You can also post SCHOLAR specific questions.