

**NATIONAL QUALIFICATIONS  
CURRICULUM SUPPORT**

# Core Skills Problem Solving

**Flexible Learning Resource Pack**

[HIGHER]

Mary M Wallace



The Open, Flexible and Distance Learning (OFDL) project has been guided by a steering group comprising representatives from the following organisations. Grateful thanks are extended to all involved.

Learning and Teaching Scotland  
HM Inspectorate of Education  
Scottish Further Education Unit  
Heriot Watt University  
Scottish Qualifications Authority  
Scottish Councils' Learning and Resources Network  
Colleges' Open Learning Exchange Group

The OFDL project has been funded by the Scottish Executive Education Department (SEED) as part of the Staff Development for Effective Teaching (SDET) initiative.

The publishers are grateful to COLEG for permission to use the COLEG *Millennium Guidelines for the Development of Self Study Learning Materials* as part of the support offered to writers. The publishers further acknowledge this source as the template on which the design and structure of these materials are based.

First published 2001

© Learning and Teaching Scotland 2001

This publication may be reproduced in whole or in part for educational purposes by educational establishments in Scotland provided that no profit accrues at any stage.

ISBN 1 85955 949 2

Learning and Teaching Scotland  
Gardyne Road  
Broughty Ferry  
Dundee  
DD5 1NY

[www.LTScotland.com](http://www.LTScotland.com)

# CONTENTS

## **Tutor Guide**

Part 1: National unit specification	3
Part 2: Introduction to the unit	7
Part 3: Introduction to this pack	9
– Assessment information	10
– Attendance/tutor contact requirements	10
– Problem Solving and the Progress File	11
– Tutor evaluation questionnaire	12
Appendix 1: Sample student log book	15
Appendix 2: Interview checklist	19
Appendix 3: Interview guidelines	21

## **Student Introductory Guide**

Part 1: Introduction to the unit	3
Part 2: Introduction to this pack	5
– Assessment information	5
– Attendance/tutor contact requirements	6
– Problem Solving and the Progress File	7
– Student questionnaire	8

## **Section 1: Analysing the Problem**

Part 1: Introduction to the section	3
Part 2: Some activities to get you started	5
Part 3: Mini project	11
Part 4: Assessment tasks	19
Part 5: Analysing a task	21

## **Section 2: Planning your Project**

Part 1: Introduction to the section	3
Part 2: Planning the task	5
Part 3: Completing the plan	7

## **Section 3: Evaluating your Project**

Part 1: Introduction to the section	3
Part 2: Self evaluation	5

