

Example Teaching Plan

Week	1330	1345	1400	1415	1430	1445	1500	1515	1530	1545	1600	1615	1630	1645	1700	1715
1	1	2					3					4				
2	5					6					7					
3	8															
4	9				10			11				12				
5	13	14					15					16				

Week 1

1 – Course introduction

Introduce the course, ourselves and assessment. Outline course content and schedule.

2 – An Introduction to the Chemistry Using Industries

Wider context of the course through understanding the structure, history, successes, failures and challenges facing the Chemistry Using Industries both in the U.K. and globally. Emphasise that the challenges facing the future of the chemical industries gives opportunities for new solutions to be devised and commercialised.

3 – Ingenuity Problem Definition (Red Card)

Introduce ingenuity and group work (red card) to establish a problem to be addressed.

4 – Close Week 1

Week 2

5 – The Basic Rules of Business

Understand the basic rules of business – Introduce the key concepts of unmet market need, capability and reward.

6 – Ingenuity Problem Discovery (Yellow Card)

Ingenuity and group work (yellow card) to further discover the problem chosen to be addressed.

7 – Close Week 2

Week 3

8 – Industrial Site Visit

Visit a local chemistry using company to see firsthand how they operate.

Week 4

9 – Intellectual Property and Patents

Introduce the concept of Intellectual Property and explain how patents work.

10 – Interactive Intellectual Property Case Study

11 – Ingenuity Solution Determination (Green Card)

Ingenuity and group work (green card) to determine a solution to the problem chosen to be addressed.

12 – Close Week 4

Week 5

13 – Introduce the ‘Dragons’ Den’ Style Pitches & Rules

14 – Group Pitch Preparation Time

15 – ‘Dragon’s Den’ Style Pitches to a Judging Panel

16 – Close the Course and Prize Giving to the Winning Group