

Entry Level Science

OCR Entry Level Certificate in Science (R591)

Use for 2014 Submission Onwards

Candidate Record Card

--

Candidate Forename		Candidate Surname	
--------------------	--	-------------------	--

Centre Number						Candidate Number				
---------------	--	--	--	--	--	------------------	--	--	--	--

Course start date: ----- / -----
 month year

Course end date: ----- / -----
 month year

This folded sheet of paper represents a convenient way of monitoring and recording a candidate's attainment. It is also a convenient way of storing a candidate's marks for end-of-item tests, can-do tasks and the practical task.

Centres are free to develop their own record keeping systems, provided that the level of detail of a candidate's attainment is identical to that shown in this paper-based one.

Summary of achievement at Final Certification

Entries must be made by 21 February of the year in which Final Certification is required.

Please ensure that all completed end-of-item test papers and the practical task for this candidate are available for moderation, if requested.

Date	Component 1	Component 2	Component 3	Overall Achievement Points Total (rounded down)
	Can-Do Task Points Total (from page 3)	Practical Task Points Total (from page 3)	End-of-Item Tests Points Total (from page 4)	
	/10	/20	/70	/100

Name of candidate: _____

Component 1: Can-Do Tasks

	Ref	Level 1 Tasks	Date	Marks
1	B1	I can measure a person's breathing rate or pulse.		
2	B3 B8	Given information I can match an animal to where it lives or when it lived.		
3	B9 B11	I can measure the effect of caffeine on heart rate.		
4	B10	I can safely carry out a food test for starch.		
5	C1 C9	I can use a measuring cylinder to measure volume.		
6	C7	I can identify some common metals: iron (using a magnet), copper, aluminium and lead (by sight and touch).		
7	C9	I can add results to a bar chart.		
8	C9 P9	I can measure reaction time.		
9	C10	I can separate a simple mixture (e.g. iron filings/aluminium, salt/sand).		
10	C11	I can take a set of fingerprints.		
11	P5	I can write a message in mirror writing.		
12	P12	I can produce a poster on the safe use of mobile phones.		

	Ref	Level 2 Tasks	Date	Marks
13	B2	I can read data from a graph.		
14	B3	I can collect (scientific) information about an endangered or extinct species.		
15	B5	I can safely carry out a food test for glucose.		
16	B6	I can make a leaflet to warn old people of the dangers of hypothermia.		
17	B7 C1 C6	I can carry out a test to show the presence of carbon dioxide.		
18	B10 C1	I can use Universal Indicator solution to find pH.		
19	C3	I can make a paint sample and prove that it works.		
20	C5	I can make measurements to test a property of a fibre or fabric.		
21	C10 C11	I can make a chromatogram.		
22	C12	I can make a poster to warn about the dangers of CO poisoning.		
23	P2	I can read a domestic electricity meter.		
24	P4	I can use a newtonmeter to measure force.		

	Ref	Level 3 Tasks	Date	Marks
25	B5	I can record my daily protein intake.		
26	B6 P10	I can use a thermometer to measure temperature accurately.		
27	B8	I can carry out a simple survey of a habitat.		
28	B12 P8	I can measure length / distance accurately.		
29	C4	I can extract a sample of copper from its ore.		
30	C7	I can make and then test a sample of concrete for its strength.		
31	C8	I can find the location of ten earthquakes or volcanoes and put them on a map.		
32	C9 P4	I can measure time accurately (e.g. to time a chemical reaction).		
33	C13	I can do a test to compare the quantity of Vitamin C in fruit juices.		
34	P3	I can use a plotting compass to map a magnetic field.		
35	P4	I can measure the speed of a moving object.		
36	P10	I can plot a line graph.		

<p>Can-Do Tasks successfully completed</p> <p>Each Level 1 = 1 mark, Level 2 = 2 marks, Level 3 = 3 marks</p> <p>(Maximum of 10 tasks to count)</p>	<p>No. of Tasks</p>	<p>Marks</p>	<p>Points Total Marks ÷ 3 (to one decimal place)</p>
	/10	/30	/10

<u>Component 2: Practical Task</u>						
Title					Mark	Total
Aspect A	(0)	1	2	3	4	
Aspect B	(0)	1	2	3	4	
Aspect C	(0)	1	2	3	4	
Aspect D	(0)	1	2	3	4	
Aspect E	(0)	1	2	3	4	

Component 3: End-of-Item Tests

	Title	Date	Test mark /15	Points (see below)
B1	Dead or Alive			
B2	Babies			
B3	Extinction			
B4	Casualty			
B5	Healthy Eating			
B6	Control Systems			
B7	Gasping for Breath			
B8	Creepy Crawlies			
B9	Fooling your Senses			
B10	Food Factory			
B11	Drugs in Society			
B12	My Genes			
B13	Body Wars			
C1	Acids and Alkalis			
C2	Cooking and Cleaning			
C3	Colours and Smells			
C4	Heavy Metal?			
C5	Fibres and Fabrics			
C6	Clean Air?			
C7	Strong Stuff			
C8	Restless Earth			
C9	How Fast? How Slow?			
C10	Sorting Out			
C11	CSI Plus			
C12	Fuels			
C13	What's Added to our Food?			
P1	Getting the Message			
P2	Our Electricity Supply			
P3	Attractive Forces			
P4	Pushes and Pulls			
P5	Let there be Light!			
P6	Final Frontier			
P7	Alternative Energy			
P8	Deep Impacts			
P9	Driving Along			
P10	Hot Stuff!			
P11	Nuclear Power			
P12	Full Spectrum			
P13	Medical Rays			

Converting marks to points				
Test mark	2 – 4	5 – 7	8 – 11	12 – 15
Points	0.5	1	1.5	2

Total number of tests submitted (maximum 35 tests)		Points Total for Final Certification (to one decimal place)	Date	Points /70
--	--	--	------	-------------------