

Centre Name	
--------------------	--

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

Candidate Name	
-----------------------	--

The Moderator appointed by OCR will require a completed copy of this Skills Assessment Record for each of the candidates whose work is required for moderation. The assessed Science in the News report and cover sheet should be enclosed within this Skill Assessment Record for each of these candidates.

Centres will need to keep adequate records of the attainment of all of their candidates for GCSE Gateway Science, and may use this form as a means of keeping records. However, centres are free to devise and develop their own record-keeping systems, providing that such a system will (if required by OCR for moderation purposes) allow each candidate's performance in all of the Can-Do tasks and for the assessed Science in the News report to be verified by a Moderator.

Summary of Skills Assessment Attainment

Can-Do Tasks	Mark out of 24	
Science in the News Report	Mark out of 36	
Transfer this total to the MS1 form and submit by May 15 th in the year of entry for this unit	Total mark out of 60	
Name of teacher completing this form		
Date of completion and submission of marks		Date

Candidate Name	Centre No	Candidate No

		Basic: 1 point Can-Do tasks	Date	Pt
1	B1a	I can measure blood pressure.		1
2	B1a	I can measure breathing rate/pulse rate before and after different types of exercise.		1
3	B1d	I can measure my field of view.		1
4	B1d	I can use Ishihara colour charts to identify colour vision deficiency.		1
5	B1f	I can use ICT to produce a poster warning old people about hypothermia and telling them how to prevent it.		1
6	B2a B2b	I can use a simple key to identify some plants/animals.		1
7	B2b	I can classify some different organisms.		1
8	B2e	I can use a hand lens to observe a small animal.		1
9	B2f	I can identify a range of fossils.		1
10	B2f	I can use the internet to find out information about Charles Darwin.		1
11	B2h	I can use the internet to collect scientific information about extinct animals.		1
12	B5a	I can identify a fracture from an X-ray.		1
13	B5d	I can measure my peak flow.		1
14	B6c	I can collect gas from fermenting sugar and test it for carbon dioxide.		1
15	B6f	I can observe a living Daphnia under a microscope.		1
16	B6g	I can test a mock urine sample for the presence of glucose.		1
17	B6g	I can use a colour chart to determine how much glucose is in the mock urine sample.		1

		Intermediate: 2 point Can-Do tasks	Date	Pts
18	B1a	I can do an experiment on fatigue in finger muscles and record the results.		2
19	B1b	I can carry out simple food tests.		2
20	B1b	I can calculate a BMI and make a decision as to what it indicates.		2
21	B1c	I can collect data from various sources for a named disease and identify danger sites on a world map.		2
22	B1d	I can collect, present and analyse data to compare the sensitivity of different areas of my skin.		2
23	B1e	I can collect scientific information from a variety of sources to show the effects of drugs or smoking on the body and display or present the information.		2
24	B1f	I can carry out an experiment on skin temperatures down an arm or leg and plot the results on a graph.		2
25	B2a	I can collect data using a sampling technique.		2
26	B2c	I can measure the rate of photosynthesis by counting the rate of bubble release from pondweed.		2
27	B2e	I can use ICT to make a poster to explain how a camel/polar bear is adapted to its habitat.		2
28	B2f	I can use ICT to prepare an information leaflet explaining why the fossil record is incomplete.		2
29	B2g	I can plot a population graph.		2
30	B2h	I can use the internet to collect scientific information about various endangered species.		2

31	B5a	I can identify the main bones and muscles in an arm.		2
32	B5b	I can construct a time line of discoveries about blood circulation using various sources.		2
33	B5b	I can display information using charts and graphs about heart disease in the world.		2
34	B5d	I can carry out an experiment to show the differing amounts of carbon dioxide in inhaled and exhaled air.		2
35	B5d	I can survey one industrial disease and present the information in a poster or leaflet.		2
36	B5e	I can investigate urine samples and correctly identify them.		2
37	B5e	I can perform rescue breaths using a model.		2
38	B5h	I can collect and display data to show height distributions in candidates.		2
39	B6a	I can follow instructions to produce a sample of yoghurt.		2
40	B6a	I can measure/record the pH of milk as it is converted to yoghurt using pH paper/pH meter/data logger.		2
41	B6e	I can identify some soil fauna and flora using keys.		2
42	B6e	I can do a simple experiment to show that life is present in a soil sample (using lime water or bicarbonate indicator)		2
43	B6g	I can immobilise an enzyme in an alginate bead.		2

		Advanced : 3 point Can-Do tasks	Date	Pts
44	B1b	I can carry out an experiment on enzyme action and record the results and conclusion.		3
45	B1h	I can use a genetics kit to show a monohybrid cross.		3
46	B2a	I can investigate and compare different habitats.		3
47	B2b	I can present a report on the work of Carl Linnaeus.		3
48	B2c	I can test a leaf for starch.		3
49	B2h	I can use ICT to produce an information leaflet on one endangered species, showing reasons for its predicament and suggestions for its protection.		3
50	B6b	I can prepare a culture of bacteria on an agar plate using aseptic technique.		3
51	B6b	I can compare the effectiveness of different antiseptics using a culture of bacteria on an agar plate (by measuring and comparing the diameters of the halos).		3
52	B6c	I can make a slide of yeast cells, stain it and make a labelled drawing.		3
53	B6c	I can do an experiment to show how yeast activity is affected by temperature.		3
54	B6d	I can design a biogas digester and display the plans as a chart.		3
55	B6e	I can compare air content of two different soils.		3
56	B6g	I can compare the effectiveness of biological washing powder in removing different stains.		3
57	B6g	I can show that my bead contains an enzyme by showing its effect on a substrate.		3

Determining the total attainment on this component

Choose the best **eight** highest scoring Can-Do Tasks which have been successfully completed.

Click in the points box at each of the **eight** Tasks which have been chosen.

		Number of Tasks	Points
Basic Tasks	1 point		
Intermediate Tasks	2 points		
Advanced Tasks	3 points		
Totals		/8	/24
This total transfers to the box on Page one 			