

"The action of the Science and Art Department is to aid instruction in *science* in the following subjects :—1, practical, plane and solid geometry ; 2, machine construction and drawing ; 3, building construction, or naval architecture and drawing ; 4, elementary mathematics ; 5, higher mathematics ; 6, theoretical mechanics ; 7, applied mechanics ; 8, acoustics, light and heat ; 9, magnetism and electricity ; 10, inorganic chemistry ; 11, organic chemistry ; 12, geology ; 13, mineralogy ; 14, animal physiology ; 15, zoology ; 16, vegetable physiology and economic botany ; 17, systematic botany ; 18, mining ; 19, metallurgy ; 20, navigation ; 21, nautical astronomy ; 22, steam ; 23, physical geography. And in *Art* in :—(1) elementary drawing as an education of the power of observation, and (2) drawing, painting, modelling, and designing for manufacture and decoration.

As respects *Science*, the aid consists of—

(a) Public examinations, in which Queen's medals and Queen's prizes are awarded held at all places complying with certain conditions.

(b.) Payments on results to teachers, as tested by examination.

(c.) Scholarships and exhibitions.

(d.) Building grants.

(e.) Grants towards the purchase of apparatus, &c.

The *Examinations* are held in May by the local committees. The examination papers are prepared by the professional examiners in London, and are sent to the local secretary ; one evening is set apart for each subject, so that the examination in each subject is simultaneous.

"*Payments* are made to the teachers on the *results* of the May examination. Any person may qualify to earn payments on results—

(a.) By obtaining a first or second class in the advanced grade of the class examination ; or,

(b.) By taking honours.

	1867.				1868.			
	England.	Ireland.	Scotland.	Total.	England.	Ireland.	Scotland.	Total.
Number of Science Schools.	150	53	9	212	210	76	15	301
Number of persons under instruction	6,441	2,125	1,664	10,230	9,480	2,870	3,611	14,961
Number of persons examined	3,288	1,409	223	4,920	5,077	1,714	360	7,161
Number of papers worked	5,933	1,895	385	8,213	9,845	2,813	457	13,115
Amount paid to teachers	£5,513	£2,017	£446	£7,976	£8,455	£3,269	£381	£12,105
Number of teachers qualified to earn payments engaged	138	50	12	200	206	75	12	293

"There are two forms of *scholarship* in connection with Elementary schools.

"1st. In the *Elementary School Scholarship*, £5 are granted to the managers of any elementary school for the support of a deserving pupil, selected by competition, if they undertake to support him for a year and subscribe £5 for that purpose. The payment of £5 by the Science and Art Department is conditional on the scholar passing in some branch of science at the May examination.

"2nd. The *Science and Art Scholarship* is of a more advanced character, and does not depend on any corresponding contribution on the part of the locality. A grant of £10 is made towards the maintenance, for one year, of the most deserving pupil or pupils in elementary schools who have passed certain examinations in science and in drawing.

"In both these cases the scholar must be from twelve to sixteen years of age, and one scholarship is allowed per 100 pupils in the school.

"The exhibitions are :—

* This is the amount up to the present time, all the claims not having yet been paid.