For result of Prize Competition, see page 249.

THE   PALACE JOURNAL
PEOPLE'S PALACE      * MILE END E.*

Vol. VI.-No. 151.] WEDNESDAY, OCTOBER 1, 1890. [One Penny.

THERE IS
No Nourishment in Tea or Coffee
BUT
PLENTY IN COCOA,

ESPECIALLY IN
Van Houten's

which
Utilises in the highest possible degree
ALL THE FLESH-FORMING ELEMENTS
WHILE
DEVELOPING THE FLAVOR AND AROMA.

ORIGINAL PATENTORS.

This Cocoa solely used at the People's Palace.

Applications for Advertisements in the "Palace Journal" to be made to SMITH & BOTWRIGHT, 6, Eldon St., Finsbury, E.C.

DR. ROOKE'S
SOLAR ELIXIR

In the most effective HEALTH RESTORER recorded in the history of medicine. It balances the natural metabolic processes of the body with such wonderful results in cases of weakness and exhaustion. As a medicine for nervous affections it has a most marvellous effect on all nervous complaints, whether arising from overwork or mental anxiety. It is above all things serviceable in cases of weakness and exhaustion. As a medicine it far surpasses any known preparation, no matter what the complaint may be.

Sold in Bottles at 2s. 6d., 4s. 6d., and 1s. each, by all Patent Medicine Vendors, or direct from
DR. ROOKE, SCARBOROUGH, ENGLAND.

MADAME TUSSAUD'S
ADJOINING BAKER STREET STATION.

THE MOST POPULAR EXHIBITION in LONDON Containing over 200 Perfect Models of the Celebrities of all Nations and Ages, including—

H. M. STANLEY EMIN PASHA,
NAPOLEONIC RELICS IN THE WORLD, and of the FRENCH REVOLUTION.
MUSIC ALL DAY.
FULL ORCHESTRA—LADIES BAND—ORGAN RECITALS. etc., etc., etc., containing the most marvelsous marvels of the modern musical world.

NEW DRESSING ROOMS.

Admission. 1/-. Children under 14, 6d. Yearly Tickets. 10/6.

MODELLED—JOHN TULLOCH.

EDWARD J. POTTRE. Manager.

BIRKBECK BANK,
Southampton Buildings, Chancery Lane.

THREE PER CENT. Interest allowed on DEPOSITS, payable on demand. UNITED KINGDOMS AND FOREIGN ACCOUNTS, established at the common rate of interest.

SADDINGS DEPARTMENT.

For the accommodation of those the Bank receives small sums on deposit—may have interest at the rate of THREE PER CENT on the first 50s. annually.

H. F. EDWARDS, Manager.

How to Purchase a House for Two Guinea's Per Month.

SPECIAL NOTICE.

For Amateurs and Others.

For sale.

A 3I Inch CENTRE LATHE, 3 feet Bed; Slide Rest; Cone; Plate; Hand Rest; Two Tees; a quantity of Chucks, and a number of Tools.
A SUPERIOR PARALLEL VICE, 3 inch jaws.
A MODEL GAS ENGINE, Unfinished.
A NUMBER OF TOOLS, SAWs, ETC., Various.
ALSO A WYMHURST ELECTRICAL MACHINE, Width across glass 18 inches.
23 VOLS. OF ENGLISH MECHANICS, from 1879 to June 1890. One missing.

For Address apply to Mr. Osborn, People's Palace, E.
WEDNESDAY, OCTOBER 1, 1890.

OUR PORTRAIT GALLERY: — No. 2.

We have pleasure in placing before the readers our second outline sketch, which is that of Walter Besant, Esq., M.A., the popular novelist and literary friend of the People's Palace.

ORGAN RECITALS IN THE QUEEN'S HALL NEXT SUNDAY.
Organist: Mr. R. JACKSON, P.C.
Organ to the People's Patron.
At 12:30, 4 and 8 p.m.
Admission Free.

ROYAL EDINBURGH, which should be most interesting. The Queen of Bohemia is writing a novel, the plot of which is laid in the south of France.

The funeral of the French actress, Madame Samary, of the Theatre Francais, was followed by 2,000 persons, almost as many as attended the funeral of the late Empress.

In New York eight women have been made factory inspectors, four of them are workers.

The number and importance of female clerks in the Savings Bank Department is said to be causing uneasiness to their male colleagues; it is feared that things will be placed on an equality, and women are always a pity for either side to cross swords in the field of labour, where men at least have first sight.

The chances of female labour must always have a detrimental influence on the work of men, as naturally if employees can get the same results from women at a less rate of payment than is made to men, they prefer to do so.

The theatre season has recommenced with the opening of the Lyceum, where, as usual, Miss Ellen Terry has won the hearts of her audience by her graceful acting, sweet voice, and remarkably pretty dresses.

A great deal is being said and written now on domestic servants and service, and we learn that there is an idea of starting a servant's union, which originates from one in Dundee, New Zealand, that has been successful for some time.

The laundresses have started a union, which is in a flourishing condition, and the match-makers are getting on well since their first meetings, and have appointed a superintendent.

The Women's Industrial Section at the Edinburgh Exhibition is most attractive, and here and there really good work is being done, but the prices run high, which is a pity, as the buyers feel that they can get the same value for a lower price elsewhere. The stalls are adorned so largely as they would otherwise. The Assyrians, Egyptians, Chinese, and Japanese are all beautifully finished, and the knitted stockings and knitted gloves, with the hardest wear, are to be seen in abundance.

The Duchess of Connaught has been made honorary colonel of her father's late regiment.

A new umbrella has been invented which is woven more strongly at the point, in order to resist the friction caused by the law of friction, which proves so fatal to the longevity of an umbrella.

The Duchess of Connaught has been made honorary colonel of her father's late regiment.

The Duchess of Connaught has been made honorary colonel of her father's late regiment.

The Duchess of Connaught has been made honorary colonel of her father's late regiment.

The Duchess of Connaught has been made honorary colonel of her father's late regiment.

The Duchess of Connaught has been made honorary colonel of her father's late regiment.

The Duchess of Connaught has been made honorary colonel of her father's late regiment.

The Duchess of Connaught has been made honorary colonel of her father's late regiment.

The Duchess of Connaught has been made honorary colonel of her father's late regiment.
The Palace Journal.

October 1, 1890.

How to make Tea and Coffee.

The business of English coffee is proverbial—and all who have tasted it in London will agree that it is bad. This is partly due to the fact that coffee is far too often served as porter (when it comes to town, it is given to the porter) at the coffee houses. A cylindrical tin is filled with coffee and made in a little box for about twenty minutes. The steam must be allowed to escape, or else the beans become burnt.

After being roasted, the delicate flavor of the bean comes into full play. The coffee must next be stoppered bottle, to keep the aroma in. It will in this state remain sodden. Generally bad No really good coffee can be produced unless it is roasted and ground the same day that it is used. One or two is done in the Paris restaurants fresh every morning. A cylindrical largely used to adulterate coffee. The coffee bean when it comes to the United States is generally not roasted, and every day part of the essential oils is lost. When ground it once placed in a closed box, to keep the aroma in. It will in this state remain good for a few weeks. No really good coffee can be produced unless it is roasted and ground the same day that it is used. One or two is done in the Paris restaurants fresh every morning.

The infusion that comes out of the tea consists of two things, the tannin, which is a savory and astringent, and the bitter principle, which is a stimulant. The tannin is the only one that is used to tannr leather, pleasant to the taste. But if the tea has too much tannin, but should be used very sparingly. It is then be poured off, either into the cups or into a separate teapot.

The Palace Journal.

October 1, 1890.

THAT THE CLUBS ARE.

NOTICE TO SECRETARIES.—Club announcements may be received at the Palace, and to be read over the Notice Board. The notice should state what is required, and every advertiser should make it known to those at the Palace by Morning Newssheets.

THE PALACE RAMBLING CLUB.

On Saturday, a party of twenty-four proceeded to the house of the Chesham Fort. The party met at Bishopsgate Street Station, and crossed the Metropolitan Railway, in Rickmansworth. (Once past Finchley Road, we entered on a new, and delightful, and there is in it a wide field of materials, with their full charyness filling the atmosphere with dust and smoke. In this state remain sodden. Generally bad No really good coffee can be produced unless it is roasted and ground the same day that it is used. One or two is done in the Paris restaurants fresh every morning. A cylindrical largely used to adulterate coffee. The coffee bean when it comes to the United States is generally not roasted, and every day part of the essential oils is lost. When ground it once placed in a closed box, to keep the aroma in. It will in this state remain good for a few weeks. No really good coffee can be produced unless it is roasted and ground the same day that it is used. One or two is done in the Paris restaurants fresh every morning. A cylindrical largely used to adulterate coffee. The coffee bean when it comes to the United States is generally not roasted, and every day part of the essential oils is lost. When ground it once placed in a closed box, to keep the aroma in. It will in this state remain good for a few weeks. No really good coffee can be produced unless it is roasted and ground the same day that it is used. One or two is done in the Paris restaurants fresh every morning. A cylindrical largely used to adulterate coffee. The coffee bean when it comes to the United States is generally not roasted, and every day part of the essential oils is lost. When ground it once placed in a closed box, to keep the aroma in. It will in this state remain good for a few weeks. No really good coffee can be produced unless it is roasted and ground the same day that it is used. One or two is done in the Paris restaurants fresh every morning. A cylindrical largely used to adulterate coffee. The coffee bean when it comes to the United States is generally not roasted, and every day part of the essential oils is lost. When ground it once placed in a closed box, to keep the aroma in. It will in this state remain good for a few weeks. No really good coffee can be produced unless it is roasted and ground the same day that it is used. One or two is done in the Paris restaurants fresh every morning. A cylindrical largely used to adulterate coffee. The coffee bean when it comes to the United States is generally not roasted, and every day part of the essential oils is lost. When ground it once placed in a closed box, to keep the aroma in. It will in this state remain good for a few weeks. No really good coffee can be produced unless it is roasted and ground the same day that it is used. One or two is done in the Paris restaurants fresh every morning.

The infusion that comes out of the tea consists of two things, the tannin, which is a savory and astringent, and the bitter principle, which is a stimulant. The tannin is the only one that is used to tannr leather, pleasant to the taste. But if the tea has too much tannin, but should be used very sparingly. It is then be poured off, either into the cups or into a separate teapot.

THE result of the Holiday competition is announced on page 244. The members of the Palace P.C.C. have been invited to form a cricket club. In order to avoid accidents it is hoped that Members, unless they feel absolutely comfortable, will not really use the different apparatus without first obtaining assistance from some capable person.

The Palace Journal.

October 1, 1890.

PEOPLE'S PALACE CYCLING CLUB.

Conductor.—Mr. J. H. H. ROBIE.

The Members of the People's Palace Boys' Club have been invited to form a cricket club. In order to avoid accidents it is hoped that Members, unless they feel absolutely comfortable, will not really use the different apparatus without first obtaining assistance from some capable person.

The Palace Journal.

October 1, 1890.

PEOPLE'S PALACE MILITARY BAND.

Conductor.—Mr. A. R. ROBIE.

The Members of the People's Palace Boys' Club have been invited to form a cricket club. In order to avoid accidents it is hoped that Members, unless they feel absolutely comfortable, will not really use the different apparatus without first obtaining assistance from some capable person.

The Palace Journal.

October 1, 1890.

PEOPLE'S PALACE GIRLS' GYMNASIUM.

On Saturday, 27th inst., we finished up the season with a tea and dance at the "Forest Gate Hotel." During the evening the prizes for best and worst bowling were presented. G. Munns taking the first prize, and J. Harvey the ball of the match, and the "Forest Gate Hotel." During the evening the prizes for best and worst bowling were presented. G. Munns taking the first prize, and J. Harvey the ball of the match, and the prizes for batting and bowling were presented. G. Munns taking the first prize, and J. Harvey the ball of the match, and the prizes for batting and bowling were presented. G. Munns taking the first prize, and J. Harvey the ball of the match, and the prizes for batting and bowling were presented. G. Munns taking the first prize, and J. Harvey the ball of the match.

The Palace Journal.

October 1, 1890.

CLASS NOTES.

The Palace Journal.

October 1, 1890.

The class notes are filled with paragraphs containing information about the various classes. The notes describe the activities and achievements of the students in each class, highlighting their progress and accomplishments. The notes are important for keeping track of the students' progress and for providing updates to the parents and guardians.
OUR COMPETITION.

Open to any Member of the People's Palace under Twenty years of age.

PRIZE ANNOUNCEMENT.
In order to stimulate the Members to greater effort, and to increase the interest in the Palace Journal, we have decided to offer

A PRIZE OF TEN SHILLINGS

The BEST DESCRIPTION of the ENTERTAINMENT to be given at the Palace on Wednesday, October 8th.

Also a PRIZE OF TEN SHILLINGS for the BEST STORY of any description.

THIS MUST NOT BE TAKEN FROM ANY EXISTING JOURNAL.

CONDITIONS.
Competitions must be sent so as to arrive at the office not later than Wednesday, October 15th.

In order to be eligible for the Prize, the Competitors must be on one side of the paper only. Printed matter may be sent, and is equally eligible for the Prize. The right is reserved to publish any Competition, whether it gain the prize or not.

Competitions are not confined to one, but may send any number of competitions.

Competitors must state from what book, periodical, or newspaper (if any) their contribution is taken.

The successful Competitor must give satisfactory proof of age, and that the essay is his or her own unaided production or contribution.

We cannot undertake to be responsible for any MSS. sent to us, though when stamps are enclosed for the publication in the event of success.

The Palace Journal.
October 1, 1890.

PROGRAMME OF EVENING CONCERT.
TO BE GIVEN ON SATURDAY, OCTOBER 4TH, 1890,
AT EIGHT O'CLOCK.

Musical Director to the People's Palace, Mr. ORTON BRADLEY, M.A.

MR. RECHAR TANDY & MR. WILBERFORCE FRANKLIN.
Solo Violin.
- - MR. W. R. CAV.

VOCALISTS:

MRS. HELEN TRUST.

1. Overture... "Son and Stranger"... Mendelssohn.

2. Song... "Across the far blue hills, Marie"... Jacques Blumenthal.

3. Air... from the "Military" Symphony... Haydn.

PEOPLE'S PALACE ORCHESTRA,
Conductor, MR. W. R. CAV.

THE PEOPLE'S PALACE ORCHESTRA.

Mr. WILBERFORCE FRANKLIN.

Across the far blue hills, Marie.

The mellow moon looks wistfully,

And folds us lingering sadly here.

The years of parting all are o'er:

The mellow moon looks wistfully,

And folds us lingering sadly here.

Across the shadowy hills, Marie;

I only find a moss'd head-stone,

That tells me thou art gone from me.

Across the far blue hills, Marie.

The mellow moon looks wistfully,

And folds us lingering sadly here.

Cross the far blue hills, Marie.

The mellow moon looks wistfully,

And folds us lingering sadly here.

Across the shadowy hills, Marie;

I only find a moss'd head-stone,

That tells me thou art gone from me.

Across the far blue hills, Marie.

The mellow moon looks wistfully,

And folds us lingering sadly here.
students' popular entertainments.

programme of "stirring naval yarns," to be given by captain charles reade, r.n., on wednesday, october 1st, 1890, at eight o'clock.

sir john henry johnson, master of the drapers' company, will preside.

vocalist - mr. j. a. bovett, organist - mr. b. jackson, f.c.o.

opening piece on organ ... "morceau de concert" ...

"the hero nelson."

the leading incidents in his romantic and eventful career. illustrated with fifty beautifully coloured limelight views. also maps, plans, and places visited, panoramas and splendid effects.

syllabus.

anecdotes of his boyhood. he tackles a bear. remarkable inspiration. his services as lieutenant and commander. prince william's opinion of him. how he employed his time when resting ashore. commands acajouemon in mediterranean, fights four french frigates, takes bastia and calvi. distinguishes himself in thomson's action. his conspicuous gallantry at the battle of the nile. his heroism during a boat attack off cadiz. he is beloved by all hands in every ship he sails in. a remarkable proof of this. how he lost his right arm at santa cruz, and the clever way tunbridge got out of the scrape. nelson goes to the mediterranean as second in command. his celebrated pursuit of the french fleet (the tracks of both fleets are shown). the battle of the nile, and its effects on the history of europe. an extraordinary present by one of his captains. an amusing yarn. recently discovered documents show the treaty and caracciolo incidents in a new light. two portraits of lady hamilton. nelson goes home overland (illustrated). how nelson fought the battle of copenhagen. his day's routine, and many of his celebrated sayings. buonaparte's scheme for the invasion of england illustrated. nelson as commander-in-chief. he chases the french to the west indies and back, then retires to merion for rest. blackwood's news. nelson offers his services, and takes command of the fleet off cadiz. enthusiastic reception. he celebrated memorandam. the battle of trafalgar. his last signal. he is mortally wounded. the death of nelson. the funeral procession, on the river and in the city. the ceremony at st. paul's cathedral. the monuments erected by the nation.

the immortality of nelson.

admission to the public, two-pence. students on producing their pass, admitted for one penny.

next wednesday, october 8th, mr. frederic russell's ventriloquial and mimetic entertainment.
HOLIDAY COMPETITION.

Ten following accounts to be judged to the best sent in, and has, therefore, gained the prize. A cheque for one guinea has been forwarded to the sender.

Mr. H. D. L.,

(Studant at the Palace Day School),

31, Cranmer Road,

Forest Gate, E.

Full particulars of any other competition will be found on page 443.

Harrow received an invitation to spend a part of my holidays in the county of Cornwall. On the 28th of August, at ten o'clock, we left London by the 11 o'clock train for Plymouth, and on the arrival of the train at Plymouth we were met by Mr. L., who was to take us on our tour of Cornwall. We then proceeded to the railway station, and from there we were driven to our destination. Baldhu, about four miles from Tavistock.

We then proceeded to Kynance Cove, about a mile north-west of the village of Falmouth. There we inspected the different caverns. The rocks consist of serpentine, which is very beautiful. The only thing that seemed wanting to perfect the beauty of the scene was a source of light. To remedy this defect, we were driven to the edge of the cliff, where the sea was very calm that day. We walked partly by the cliffs and partly by the roads keeping to the right road, there being so many turnings, and very few persons of whom to enquire. However, we reached our destination.

Science Classes.

Specially prepared for the Examinations of the Science and Art Departments.

Mr. P. F. C. Cave,

Mr. A. W. White,

Mr. G. G. Cave.

English Mechanics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Physics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Chemistry.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Practical Mechanics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mathematics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Arithmetic.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geography.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

History.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mechanics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Botany.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Zoology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Astronomy.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Chemical Analysis.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Physics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mathematics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Arithmetic.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geography.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

History.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mechanics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Botany.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Zoology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Astronomy.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Chemical Analysis.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Physics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mathematics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Arithmetic.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geography.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

History.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mechanics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Botany.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Zoology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Astronomy.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Chemical Analysis.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Physics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mathematics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Arithmetic.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geography.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

History.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mechanics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Botany.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Zoology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Astronomy.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Chemical Analysis.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Physics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mathematics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Arithmetic.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geography.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

History.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mechanics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Botany.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Zoology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Astronomy.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Chemical Analysis.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Physics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mathematics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Arithmetic.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geography.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

History.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Geology.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Mechanics.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.

Botany.

Mr. F. G. Castle,

Mr. A. W. White,

Mr. G. G. Cave.