Literature and Science.

POETRY: PAGES

At Eighty-three—*W. W. Campbell* 660
Blackberry To the—*W. W. Campbell* 548
Christmas Tide—*W. W. Campbell* 772
Death of Schiller, The—*W. A. Sherwood* 788
Examinations, The—*W. J. H., in the Varsity* 430
Girl of the Period, The *Good Housekeeper* 532
God Save the Queen—*Charles P. O'Connor* 564
School Statistics 500
Still Singing—*Charles P. O'Connor* 468
Summer in Nova Scotia—*A. E. Wetherald, in The Varsity* 750

PROSE:

Adventures of Ulysses, The—*Charles Lamb*, 404, 423, 436
Æschylus and Shakespeare—*Julia Wedgwood in the Contemporary* 644
Antiquity of Celtic, The 493
Baby Flat-fish, The—*Popular Science Monthly* 504
Canadian Art and Wyatt Eaton—*Magazine of Art* 693
Chase of a Spider—*T. W. Standing* 676
Desultory Reading—*Leeds Mercury* 785
Drying up of the Zuyder Zee—*Chicago Tribune* 548
Extracts from the Speech of James Russell Lowell, delivered November 8th, 1886, on the 250th Anniversary of the Foundation of Harvard University—I 708
" " II 724
" " III 740
" " VI 756
" " V 772
Franz Liszt—*New York Times* 484
Growth of the English Novel, The—*Quarterly* 596
Letters and Numbers—*St. Nicholas* 548
Mr. Ruskin's "May-Day" *Eric S. Robertson, in the Leisure Hour* 452
Natural Sleep—*Ex* 403
New Zealand Eruption, The—*Ex* 644
Night Air—*Sanitary World* 548
Physiology of Sleep, The—*Brit. Med. Journal* 660
Recent Progress of Science, The 580
Science of Eating, The *C. C. James, M. A., in Kosmos*—I 676
" " II 692
" " III 708
Sphinx Uncovered, The—*London Standard* 532
Stoneyhurst and its System—*St. James' Gazette*—I 612
" " " " II 628
Synonyms—*Atlantic Monthly* 532
Turner as an Artist—*Chambers' Journal* 500

Mathematics.

Algebra—Useful Problems 699, 796
Answers to the Problems in Arithmetic for Candidates Preparing for the Entrance Examinations 606
" " " " " " 699
" " " " " " 714
" " " " " " 730
" " " " " " 780
Arithmetic Suitable for Entrance to High Schools—*B.* 422
Arithmetic—Useful Problems 730
Elementary Problems in Statics—*Lexus* 405
Exercises in Algebra Selected from Various Sources 796
Factoring—*Wm. W. Ireland* 618
First Year in Arithmetic—*South-western Journal of Education* 618
Greatest Common Divisor of Numbers by Inspection, To Discover the—*H. A. Jones, in the School Journal* 538
Hints on Teaching Arithmetic—*Intelligence* 652
Mathematical Tricks—*Salem Gazette* 583
Problems in Arithmetic—*E. W.* 508
Problems in Arithmetic Suitable for Candidates preparing for the Entrance Examination—*Huron* 618
" " " " 634
" " " " 652
" " " " 666
" " " " 699
" " " " 714
Second Class Algebra Paper, The 442
Something New, Perhaps—*John Ireland* 730
Third Class Algebra—*B* 476
Third Class Arithmetic Paper—*A. E* 684

Methods and Illustrations.

A Test of Pronunciation Centre Table 763
Aims and Methods in Teaching English Literature—*Journal of Education* 619
Anecdotes of Authors—*A. M. B.*—I 634
" " " II 668
" " " III 685
Children's Voices *School-Music Journal* 492
Composition—*Teachers' Aid* 588
Cultivation of Memory, The 587
Curing a Bad Memory—*Educational Gazette* 410
Designs for Keeping Little Folks Busy—*Educational Gazette* 716
Don't—*Ex* 620
Elementary Natural Science—*Superintendent Sherman Williams* 492
Elocution—*R. W. Phipps* 551
English and Foreign Methods 635
Errors in English—*Thos. Hammond* 407
Exercise for the Sense of Hearing, An—*W. M. Griffin, in the New York School Journal* 461
Exercises in English—*A. M. B* 779, 795
Exercises in English for Fourth Form Classes—*Alfa* 426
First Day, The—*Indiana School Journal* 588
First Writing Lesson, The—*American Teacher* 655
First Lessons in Grammar, The *Teachers' Aid* 763
For Pronunciation—*A. M. B* 748, 779, 790
Grammar—*Teachers' Aid* 603
Guessing not Induction—*Intelligence* 747
Geography Work in the first year of School—*Indiana School Journal* 765
Happy Art of Illustrating, The—*New York School Journal* 445
Hints on School Management—*New England Journal of Education* 411
How to Secure Attention—*Edward Brooks* 541
How to Teach Geography—*Ex* 411
How to Teach Writing—*Teachers' Aid* 571
Hygiene in the Schools—*The Current* 556
Indolence 587
Language Lesson—*National Educator* 427
Lessons in Botany for Beginners—*American Teacher* 428
Literature for Entrance into High Schools:—
"The Ride from Ghent to Aix"—*H. K* 636
"The Vision of Mirza"—*R. W. Phipps* 662
"Lochinvar"—*R. W. Phipps* 662
"The Ride from Ghent to Aix" *R. W. Phipps* 683
"A Forced Recruit at Solferino"—*R. H* 682
"The Bell of Atri"—*R. W. Phipps* 683
"The Truant"—*R. W. Phipps* 683
"National Morality"—*H. K* 708
Loud and Much Talking *Western School Journal* 661
Mental Arithmetic—*Principal H. W. Callahan, of Penn Yan* 475
"Merchant of Venice," The, Questions on some of the more Peculiar Words—I 715
" " " II 747
" " " III 747
" " " IV 747
" " " V 747
Methods in Geography—*Education* 647
Military Drill as a means of Physical Training for Boys *C. F. Withington, M. D., in the New England Journal of Education* 547
Music in Schools *Pennsylvania School Journal* 491
New Ideas in Geography Teaching—*New York School Journal* 541
Notes from "Talks on Reading"—*Edith Goodyear, in the Carolina Teacher* 555
Our Amusements: Hints for Friday Afternoons—*W. H. Rowlands, in the Montreal Daily Witness* 490
Plea for the Type-Writer—*Education* 716
Power of the Teacher's Eye, The 541
Practical Lesson in Picking out Nouns and Verbs from a Reading Book, A—*Teacher's Aid* 427
Practical Work in Botany—*Teachers' Institute* 458
Practical Work in Physiology—*Teachers' Institute* 460
Practice of Accents in Music—*H. E. Holt* 556
Primary Reading—*American Teacher* 428
Pronounce the Consonants—*Monseigneur Capel, in the American Teacher* 634
Punctuation in Reading—*American Teacher* 444
Reading *New England Journal of Education* 491
Reading and Elocution—*Teachers' Aid* 407
Rote Work and Correct Training in Habits of Attention and Promptness—*New England Journal of Education* 586
School Decoration—*Teachers' Aid* 474
Schoolroom Decorations—*New England Journal of Education* 412
Schoolroom Methods—*Prof. S. S. Packard at the Business Educators' Convention, as reported by the Penman's Art Journal, N. Y.* 635
Self-made—*Ex* 635
Singing in Schools—*Le Row* 508
Singing in Schools—*West Virginia School Journal* 603
So-called "German" Methods—*New England Journal of Education* 459
Some Hints for Geography Teachers—*Practical Teacher* 507
Studies in Zoology—*American Teacher* 444
Study of Words, The—*Ohio Educational Monthly* 602
Suggestions to the Teachers of History—*American Teacher* 571
Tests in English—*Teachers' Aid*, I 700
" " " " II 715
The Spelling Problem—*New England Journal of Education* 715
"The Merchant of Venice," an Examination Paper on, Suitable for Candidates for First Class Certificates 701
" " " " 762
Things to Remember—*St. Louis Journal of Education* 587
Third Class Literature. Examination Questions Suitable for Candidates:—
"Death of the Protector"—*A. M* 746
"The Golden Scales" *A. M* 746
"The Vicar of Wakefield"—*A. M* 603
"Unthoughtfulness"—*A. M* 700
Tom's Trip to Arabia: a Hint for Teachers of Geography—*American Teacher* 650
Truant Schools 475
Unseen Lessons—*Philadelphia Teacher* 411
Valuable Lesson, A—*New York School Journal* 620
What is the Best Method of Teaching Children to Read?—*Larken Dunton, LL. D., in the American Teacher* 540
What the Kindergarten Does for Low Classes—*Sub-Primary School Society* 541
Whispering 467
Writing for Beginners—*New York School Journal* 459
Written Spelling Classes—*American Teacher* 540

Notes and Comments.

Pages 403, 419, 435, 451, 467, 483, 499, 515, 531, 547, 563, 579, 595, 611, 627, 643, 659, 675, 691, 707, 723, 739, 755, 771, 787

Notices of Books.

Pages 403, 425, 441, 457, 473, 489, 505, 521, 547, 553, 569, 585, 601, 617, 633, 649, 665, 681, 697, 713, 729, 745, 761, 776, 792

Practical Art.

Drawing *Col. F. W. Parker, in the New York School Journal* 405
Education of the Eye—*T. Mower Martin*—I 541
" " " II 698
Elementary Drawing *Arthur J. Reading* XV 548
" " *N. Y. School Journal* 571

Regulations.

New Department of Oriental Languages in the University of Toronto, The 475

Special Papers.

Agricultural Education (From the Eleventh Annual Report of the Ontario Agricultural College and Experimental Farm, for the year ending 31st December, 1885. By James Mills M. A., President)—I 709
" " II 725
" " III 741
Agricultural Schools in France—*Harper's Critic* 643
Chautauqua—*R. D. Fraser* 541
College Extravagance—*Independent* 668
Conservation and Reform in Educational Methods—*J. E. Wetherell*—I 613
" " II 629
"Fox and the Crow," The—*L. Macmillan* 773
How Women Build Homes—*Cassell's* 748
Some Neglected Branches—*Ohio Educational Monthly* 771
Speaking Correctly—*Bishop Huntington* 748
Some Studies Essential to a Teacher's Success—*J. C. Lindsley* 757
"Featherbone" 485
Good Manners for Young People—*The Independent* 620
Grammar—*Teachers' Aid* 682
Higher Education and the Health of Women—I 581
" " " " II 597
Home Lessons 677
How I was Educated—*Edward E. Hale, in the Forum* 437
Ideal Education of Girls, An *Education* 421
Increased Legislative Aid to High Schools—*L. E. Embree* 501
Investment that Pays, An 581
Lady Teacher, The—*Ohio Educational Monthly* 668
Marking System, The—*John Munro* 693
Non-Professional Culture—*Principal C. D. Larkins* 644
Ontario College of Preceptors, The—*George Dickson* 523
Over-Exercise of the Brain—*Philadelphia Teacher* 485
Prizes and Scholarships—*D. C. McHenry* 516
Queen's English, The—*Education* 564
Science Teaching—*G. Baptie*—I 661
" " " II 677
Systematic Pronunciation. (Continued from Vol. III., page 317.)—*M. L. Rouse*—VII 453
" " " VIII 469
Ventilation—*American Teacher* 549

Table Talk.

Pages 462, 557, 573, 589, 604, 636, 653

Reviews of Books.

A Heart-Song of To-Day (Disturbed by fire from the "Unruly Member"). A Novel. By Mrs. Annie G. Savigny 472
An Alphabetical Table of the Principal Prefixes and Suffixes by which Nouns, Adjectives, Verbs and Adverbs are found in German By Wm. Cook 505
Appleton's Standard Arithmetic:—
I. Numbers Illustrated and applied in Language. Drawing and Reading Lessons. An Arithmetic for Primary Schools. By Andrew J. Rickoff and E. C. Davis. II. Numbers applied: A Complete Arithmetic for Intermediate and Grammar Schools. By Andrew J. Rickoff 425
Astronomy by Observation. An Elementary Text-Book for High Schools and Academies. By Eliza Bowen 473
Bouquet of Kindergarten Songs Introduction by Mrs. J. L. Hughes. Notes and Gestures by Mrs. Hughes and Bessie E. Hailman 469
English Literature for University and Departmental Examinations, 1887. Thomson's "Seasons." Southey's "Life of Nelson" 537
Entertainments in Chemistry: Easy Lessons and Directions for Safe Experiments. By Henry W. Tyler, S. B., of the Massachusetts Institute of Technology 712
Essential Lessons in English Etymology, comprising the History, Derivation, Composition and Relationship of English Words, with Lists of Prefixes, Suffixes, Stems, Doublets, Homonyms, etc., for the use of Schools. By John G. R. McElroy, A.M 745
Exercises in False Syntax and other Forms of Bad English, for the Use of Teachers and Candidates Preparing for Departmental and Matriculation Examinations. By H. I. Strang, B.A., Head Master Goderich High School. Fifth edition 729
Forestry Reports for 1885. Compiled at the instance of the Government of Ontario. By R. W. Phipps, Toronto 457