

PRIMARY EXAMINATIONS.

AT THE UNIVERSITY.

Number of candidates entered, 581. Number of certificates gained, 504.

In connection with the primary examinations conducted by the University of Adelaide, the following is a list of the candidates to whom certificates will be issued. They have passed in 1, English grammar, composition, and dictation; 2, arithmetic; and in two at least of the following subjects:—3, Geography of the British Isles and Australia; 4, English history; 5, Greek; 6, Latin; 7, French; 8, German; 9, algebra; 10, geometry; 11, drawing.

Frank Thompson Aitken, 3, 6, 9, 10, Kalgoorlie Central State School; James Murray Aitken, 3, 6, 9, 10, Kalgoorlie Central State School; Arthur Frederick Alderson, 4, 10, Midland Junction; Roy Allen, 3, 4, 9, 10, Perth Boys' School; Marjory Anderson, 3, 4, Wolsley Public School; Michael Joseph Anketell, 3, 4, 7, 10, Christian Brothers' College, Perth; Ethel Doris Annells, 4, 7, 9, Methodist Ladies' College; John William Atkinson, 3, 4, 9, 10, Perth Boys' School; Laura Ayres, 3, 4, 9, 10, Perth Girls' School; Oscar Ver Baaner, 3, 4, Victor Harbour Public School; Robert Badger, 4, 6, 9, 10, St. Peter's Collegiate School; Stella Maude Bales, 3, 4, 7, Dryburgh House School; Winnie Bennett Bailey, 3, 4, 6, 9, 10, Advanced School for Girls; David Baines, 3, 4, 9, 10, Subiaco State School; John Baldwin, 4, 6, 7, Christian Brothers' College, Perth; Douglas Lewis Barlow, 4, 9, 10, Prince Alfred College; Annie Louisa Barnes, 4, 6, 7, 9, 10, Advanced School for Girls; Kathleen Ellen Barnes, 3, 4, 9, Guildford State School; Hazel Marion Barnett, 3, 4, Geraldton State School; Vernon Batesman, 4, 9, 10, Prince Alfred College; Beatrice Charlotte Bates, 6, Solomontown Public School; Ellen Bates, 3, 4, Midland Junction State School; Alan Reid Bean, 3, 4, 9, 10, Kalgoorlie Central State School; Huzhina Bell, 3, 7, Princess May's School; Leslie Stothert Bell, 3, 4, 6, Sturt Street Public School; Doris Elizabeth Benbow, 3, 7, Princess May's School; Louis Reginald Samuel Benjamin, 3, 4, 10, Perth Boys' School; Jack Robertson Bennett, 3, 4, 6, 9, Walkerville Public School; Ivor Trehanne Birtwistle, 3, 4, 9, 10, Claremont State School; Arthur Seaforth Blackburn, 4, 9, 10, St. Peter's Collegiate School; Hilda Kathleen Blacket, 3, 4, Methodist Ladies' College; Maurice Newton Blacket, 3, 4, 6, 9, 10, Norwood Public School; Henry Hamilton Blackham, 3, 4, Lefevre's Peninsula Public School; Doris Bous, 3, 4, Muirdeu College; Kingsley Vincent Staunton Bone, 3, 4, 7, 9, 10, Christian Brothers' College, Perth; Roland William Bonista, 3, 4, 9, Tutorial College; Olive Pearl Box, 3, 4, James Street School; Joseph Edward Bradley, 6, 9, 10, Unley Public School; Edie May Braithwaite, 3, 4, East Perth State School; Kathleen Winifred Broadley, 3, 4, 9, 10, Perth Girls' School; Kenneth Allan Brook, 9, 10, Pulteney Street School; Ethel Brodsky, 3, 4, 7, Loretto Ladies' College, Perth; George Grenville Bomilow, 3, 4, 9, 10, Perth Boys' School; Fields Brown, 3, 4, Midland Junction; Mildred Fanny Brown, 3, 9, Claremont Girls' High School; Anne Mataldia Victoria Browne, 3, 4, 9, Kalgoorlie Central State School; Edith Bryant, 3, 4, Newcastle Street Girls' School; May Elizabeth Bull, 4, 9, 10, Beaconsfield State School; Kathleen Margaret Burnett, 3, 4, Perth Girls' School; Patrick Burne, 9, 10, Christian Brothers' College, Adelaide; Bessie Bristow Burrows, 3, 4, 10, Thomas Street State School; Alfred Bushell, 3, 4, 6, 10, Port Pirie Public School; Arthur Francis Butler, 4, 10, Perth Boys' School; John Radcliffe Butterworth, 4, 6, 7, 9, 10, St. Peter's Collegiate School; Bertha Florence Cann, 7, 8, 9, Methodist Ladies' College; John Cantwell, 2, 3, Marist Brothers' School, Norwood; Hubert Carey, 3, 7, 9, 10, Christian Brothers' College, Adelaide; Louisa Carr, 4, 10, Boulder Senior School; Vivien Carter, 3, 4, 5, 6, 7, 10, Convent of Mercy, Victoria square, Perth; Eileen Catherine Mary Maria Cavanagh, 3, 4, 6, 9, Norwood Public School; Bedford Roy Chapman, 3, 4, 9, Kalgoorlie Central State School; Lucy Esther Charles, 3, 4, 7, 9, Perth Girls' School; Annetta Henderson Clark, 3, 6, 9, 10, Port Pirie Public School; Elsie Florence Clarke, 3, 4, Wolsley Public School; Joyce Elma Clark, 3, 4, 7, Mahvern Collegiate School for Girls; Freda Lillian Clarkson, 3, 4, 9, Kalgoorlie Central State School; George Fullerton Cleland, 4, 6, 9, 10, Prince Alfred College; Thomas Arthur Clement, 3, 9, 10, Fremantle Boys' School; Mary Cecil Clinton, 3, 4, 7, 9, Perth Girls' Central High School; Herbert George Cliff, 3, 4, 10, Midland Junction State School; Leonard New-

ton Cocks, 3, 4, 9, Adelaide Shortland and Business Training Academy; Mary Colley, 4, 7, 9, Sacred Heart High School, Highgate Hill; Edna Victoria Cole, 4, 7, 9, Fremantle Ladies' College; Catherine Colgan, 4, 9, Trafalgar School; Gertrude Ethel Collins, 3, 4, 7, 9, 10, Advanced School for Girls; Harold Colvin, 4, 9, 10, Perth Boys' School; William Joseph Conley, 3, 4, South Broken Hill Convent School; Harry Constantine, 4, 6, 9, 10, Prince Alfred College; William Ernest Cook, 3, 4, 6, 7, 9, 10, Perth Boys' School; Charles John Cooke, 3, 4, 6, 7, Christian Brothers' College, Perth; Stella Florence Coombs, 3, 4, 6, 9, Methodist Ladies' College; Andrew Asghar Cooper, 6, 9, 10, Prince Alfred College; Walter Gordon Cornish, 4, 6, 9, East Adelaide Public School; Edmund Joseph Cort, 3, 4, 7, 9, Christian Brothers' College, Perth; Guy Richard Coumbe, 4, 6, 9, East Adelaide Public School; Adelbert Michael Courtney, 3, 4, Auburn Public School; Grace Campbell Cowan, 3, 4, 9, Highgate State School; Constance Evelyn Cowell, 4, 7, 8, Methodist Ladies' College; Thomas Edward Cowley, 3, 4, 9, 10, Fremantle Boys' School; Ida Vera Craig, 3, 9, 11, Wellington Road Public School; Mona Nellie Craig, 3, 4, 9, Kalgoorlie Central State School; Kathleen Craigmie, 6, 9, Solomontown Public School; Tom Nesbit Crass, 4, 6, Prince Alfred College; Hilda Crawford, 7, 9, St. Joseph's School, Victoria square, Perth; James Edmund Crimmins, 3, 4, 9, Mount Morgans State School; Garrett Peter Cronin, 4, 6, 9, Solomontown Public School; James Cross, 3, 4, East Perth State School; Preston Crothers, 3, 6, 9, 10, Kalgoorlie Central State School; William Collinane, 4, 6, 7, 9, Christian Brothers' College, Perth; Jean Cumming, 4, 9, Highgate State School; Alwyn Wesley Curwood, 4, 10, Sturt Street Public School.

Aileen Ferguson Darling, 3, 4, 6, 7, 9, 10, Geraldton State School; John McIlherson Darling, 4, 9, 10, Prince Alfred College; Lynda Agnes Davidson, 3, 4, 6, 9, 10, Crystal Brook Public School; Raymond Lynn Davidson, 4, 9, 11, Merriton Public School; Olive Gwendolyn Davies, 3, 4, Rose Park Public School; Rowland Dudley Davis, 4, 9, 10, Perth Boys' School; Regina's Compson Daw, 6, 10, Mount Barker Public School; Eva Elizabeth Dawkins, 3, 4, 9, Subiaco State School; Victor Harold Day, 4, 6, 9, 10, St. Peter's Collegiate School; Anna Beryl de Garis, 3, 4, 9, Methodist Ladies' College; William Robert Delany, 3, 8, 10, Christian Brothers' College, Adelaide; May Denman, 3, 4, 5, 6, 7, 9, 10, Sacred Heart High School, Highgate Hill; George Roy McGregor Dey, 3, 4, 9, Largs Bay College; Robert Dickson, 3, 4, 9, 10, Perth Boys' School; Robert Ernest Dodman, 4, 6, 9, Petersburg Public School; William Peter Doherty, 3, 7, 9, 10, Christian Brothers' College, Perth; Ethel Elizabeth Doug, 3, 4, Middle Swan State School; Lucy Mabel Dollman, 3, 4, 7, Southfield School; Martin Thornton Donnelly, 4, 6, 9, Petersburg Public School; Mary Dorothy Donaghue, 3, 4, 9, St. Mary's Convent School, Kalgoorlie; Olive Ellen Dougherty, 4, 6, 2, Advanced School for Girls; Alfred George Downing, 3, 9, Kalgoorlie Central State School; Henry Richardson Holdsworth Driscoll, 4, 6, 9, Prince Alfred College; Percy Lucas, 4, 9, 10, Perth Boys' School; James Andrew Duff, 3, 4, 9, North Fremantle State School; Martin Patrick Dunne, 3, 4, Convent of Mercy, Coolgardie; Neal Durack, 3, 4, 7, 10, Christian Brothers' College, Perth.

Gertrude Caroline Easton, 4, 6, 7, 9, Advanced School for Girls; Reginald William Edwards, 3, 4, 9, 10, 11, Claremont State School; Keith Lancelot Elphick, 4, 6, 9, 10, Prince Alfred College; Leonard Essery, 6, 9, 10, Norwood Public School; Emily Elizabeth Eyles, 3, 4, 9, Perth Girls' School; Marjorie Adelaide Eyre, 3, 4, 6, 7, 9, 10, Tormore House.

George Feakes, 3, 4, 9, 10, Perth Boys' School; Dennis Herbert Fendler, 7, 8, 9, 10, Christian Brothers' College, Adelaide; Edna Muriel Ferguson, 3, 6, 9, 10, Advanced School for Girls; Leslie Roy Fergusson, 3, 4, 6, Muirdeu College; Frank Roy Ferry, 4, 6, 9, Moonta Public School; Eric Francis Foreman, 3, 4, Marist Brothers' School, Port Adelaide; Edward David Forrest, 4, 7, 9, 10, Christian Brothers' College, Adelaide; Daniel Frederic Freedman, 4, 6, 7, Christian Brothers' College, Perth; Albert Clifford Fry, 4, 9, 10, Perth Boys' School; Arthur Harold Funnell, 3, 4, 6, 9, 10, Norwood Public School; Vera Adela Fyffe, 3, 4, 9, Perth Girls' School.

Robert Arthur Gannon, 3, 4, 9, Perth Boys' School; Florence Annie Gare, 3, 4, 6, Port Pirie Public School; Hilda Garland, 3, 4, 9, Newcastle Street Girls' School; Maggie Garrett, 3, 4, Auburn Public School; Mary Jane Garrett, 3, 4, Auburn Public School; Percy Byron Gatwood, 3, 4, 9, 10, Christian Brothers' High School, Fremantle; Annie Gemmill, 3, 4, Perth Girls' School; Olive Violet Gilbert, 4, 6, 9, East Adelaide Public School; Walter Stanley Scolland, 4, 6, 9, East Adelaide Public School; Frank Gillespie, 4, 6, 9, 10, Solomontown Public School; Richard Alexander Gilmour, 3, 4, 9, 10, Perth Boys' School; Septimus Vincent Gilminton Glaskin, 3, 4, 9, 10, Perth Boys' School; Gladys Shayer Glover, 3, 9, Perth Girls' School; Eric Leslie Parkin Goddard, 4, 9, 10, Prince Alfred College; John Godlee, 4, 6, 9, 10, Prince Alfred College; Susan Beazley Goldsworthy, 4, 6, 9, 10, Moonta Public School; Roger Britten Goode, 4, 10, St. Peter's Collegiate School; Albert Victor Goss, 3, 4, 9, Thomas Street State School; Charles Arthur Pearson Gostelow, 3, 4, 9, 10, Perth Boys' School; Ethel Susan Gould, 3, 4, 9, 10, Muirdeu College; Jessie Smeaton Gow, 3, 4, 7, Southfield School; Ruby Edith Gower, 4, 6, 7, 10, Advanced School for Girls; Doris Evelyn Graves, 4, 7, 10, Dryburgh House School; Lancelot Francis Churchil Green, 3, 4, St. John the Baptist School, Thebarton; Olive May Green, 4, 6, Sturt Street Public School; Dinnie Paul Guilfoyle, 6, 7, 9, 10, Christian Brothers' College, Perth; Helen Alexandrina Gunn, 3, 9, 10, 11, Lefevre's Peninsula Public School; Mary Addison Hamilton, 3, 4, 9, Newcastle Street Girls' School; Alice Haulon, 4, 6, 9, 10, Moonta Public School; Walter Harris, 3, 4, 10, Port Pirie Public School; Sydney Percy Vernon Harrison, 3, 4, 10, Perth Boys' School; Doris Jane Hatch, 3, 4, 9, West Leederville State School; Edith Annie Hawke, 3, 4, 6, 7, Advanced School for Girls; Annie Hayes, 4, 6, 9, East Adelaide Public School; John James Hayes, 3, 8, 9, 10, Christian Brothers' College, Adelaide; William Michael Hayes, 7, 9, 10, Christian Brothers' College, Adelaide; Muriel Myrtle Hayward, 3, 4, 6, Norwood Public School; Kevin John Bernard Healy, 6, 7, 8, 9, 10, Christian Brothers' College, Adelaide; Bertram Heath, 3, 6, Norwood Public School; Olive May Hecker, 4, 8, Miss Domeyer, Rhine Villa; Patrick James Hegarty, 9, 10, Christian Brothers' College, Adelaide; Olive Heise, 3, 4, 9, Kalgoorlie Central State School; Austin James Heithersay, 3, 6, 9, 10, Unley Public School; Mary Henderson, 3, 4, Perth Girls' School; Annie Mary Cecilia Herrington, 3, 4, 6, 7, Convent of Mercy, Victoria square, Perth; Leslie Allen Hestford, 4, 7, 9, 10, Christian Brothers' College, Perth; Francis Gibson Hicks, 3, 4, 9, 10, 11, Crystal Brook Public School; Bradley Robert James Hillier, 4, 9, 10, Moonta Public School; Kathleen Amy Hiscock, 3, 4, 6, 10, Advanced School for Girls; Harold Leslie James Hoare, 4, 9, 10, Perth Boys' School; Leonard William de la Hant Hoche, 4, 9, Moonta Public School; Beatrice Holmeister, 3, 4, Lefevre's Peninsula Public School; Margaret Imelda Hogan, 3, 4, 6, 9, Convent of Mercy, Angus street; Francis Patrick Holland, 3, 7, 8, 9, 10, Christian Brothers' College, Adelaide; Mary Holman, 4, 6, 7, 9, Sacred Heart High School, Highgate Hill; Charles Stanley Holten, 3, 4, 10, Port Pirie Public School; Rendle George Holten, 3, 4, 9, 10, Port Pirie Public School; Dudley Honey, 9, 10, Pulteney street School; Florence Irene Hopkins, 3, 4, 9, Perth Girls' School; Ernest Henry Horsington, 4, 8, 10, Christian Brothers' College, Adelaide; Egbert Percy Howard, 6, 9, 10, Sturt Street Public School; Cecil Roy Hubbard, 6, 9, Unley Public School; Leonard Headland Hughes, 3, 4, 6, 9, Mount Pleasant Public School; Penelope Hughes, 4, 6, Mount Pleasant Public School; Roland Harry Hughes, 3, 4, 6, Mount Pleasant; Thomas John Hughes, 3, 4, 10, Trafalgar School; Elma Rose Hurley, 4, 6, 9, Moonta Public School; Ida Eleanor Hurren, 3, 4, 9, Kalgoorlie Central State School; Reginald Leslie Huret, 4, 10, Prince Alfred College; Edith Hutchinson, 3, 4, Collie State School; Florence Gray Hutchinson, 3, 4, Midland Junction State School; Peter Joseph Hynes, 3, 9, 10, Christian Brothers' College, Adelaide.

Frank Boyle Ide, 9, 10, Pulteney Street School; Dorothy Muriel Inglis, 3, 4, 9, 10, Claremont State School; Roy Inlpen, 5, 4, 9, York State School.

Violet Mary Jack, 4, 9, St. John of God's Convent School; Nellie Cordelia Jackson, 3, 4, 9, Kalgoorlie Central State School; Arthur Harold Jacobs, 3, 4, 9, 10, Claremont State School; Ruby Myrtle Jamieson, 4, 9, Boulder Senior School; Sibel Freda Jay, 3, 4, 6, 7, 9, Advanced School for Girls; Harold George Jeanes, 3, 4, North Fremantle State School; Evan Lancelot Jenkins, 4, 6, Petersburg Public School; Vera Lottin Job, 3, 4, 8, 9, Dryburgh House School; Gladys Marguerite Johns, 3, 4, 9, Kalgoorlie Central State School; Edwin Campbell Johnson, 6, 9, Pulteney Street School; Ivan Belle Jose, 4, 5, 6, 7, 9, 10, St. Peter's Collegiate School.

Ethel Keen, 3, 4, 9, 10, 11, Crystal Brook Public School; Annie Kennedy, 3, 4, 6, 9, Convent of Mercy, Angus street; Nora Chesney Kennedy, 3, 4, 9, Subiaco School; Bertha Ida Louise Kennett, 4, 6, 9, East Adelaide Public School; Hugh Spencer Kentish, 3, 10, Kyre College; Douglas George Kenworthy, 4, 9, 10, Perth Boys' School; Ruby King, 3, 4, 7, 9, 10, Perth Girls' School; Henry Maxwell Kneebone, 9, 10, Pulteney Street School; Mary Amelia Kneebone, 2, 7, 9, Miss Ward's School, Woodville; Howard Spencer Knott, 4, 9, 9, East Adelaide Public School; Ivan Reginald Kretschmer, 3, 4, 10, Port Pirie Public School.

James Herbert Lang, 4, 9, 10, Boulder Central School; Jane Ruth Langron, 3, 4, 6, 9, Norwood Public School; Mary Eva Lanyon, 3, 4, 9, Perth Girls' School; Charlotte Evelyn Lapsley, 3, 4, East Perth State School; Kathleen Sarah Lawrence, 3, 4, 9, Convent of Mercy, Mount Barker; Margaret Annetta Lawrie, 6, 9, 10, Port Pirie Public School; James Peter Lealy, 3, 4, 6, 7, 9, 10, Christian Brothers' College, Perth; Gladys May Ledger, 3, 4, 6, 7, 9, 10, Advanced School for Girls; Jack Chesworth Lenners, 3, 4, 9, 10, Kalgoorlie Central State School; Douglas Miller Leishman, 4, 6, 9, 10; Perth Boys' School; Ernest Toussaint LePage, 6, 9, Koolunga Public School; George William Leslie, 3, 4, 9, 10, Kalgoorlie Central State School; William Leslie, 4, 9, 10, Perth Boys' School; Rosemary Hunt Lockford, 4, 9, 10, Christian Brothers' High School, Fremantle; Albert Laurence Lilburne, 4, 10, Christian Brothers' High School, Fremantle; George Frances Lillicrapp, 3, 7, 9, 10, Christian Brothers' College, Adelaide; Axel August Lindquist, 4, 6, 9, 10, Norwood Public School; Lewin David Loboscher, 3, 6, 9, 10, Beaconsfield State School; Edgar Logan, 4, 10, Malmesbury State School; Minna Cairna Long, 3, 4, Kalgoorlie Girls' High School; George Clarke Love, 4, 8, 9, 10, Strathalbyn Public School; John Alexander Love, 4, 9, 10, Strathalbyn Public School; William Allan Love, 3, 4, Cottesloe State School; Harry Stephenson Lucraft, 4, 10, Beaconsfield State School.

Dorothy Evelyn McBride, 4, 6, 8, Damnician Convent, Cabra; Catherine Anne McCarthy, 3, 4, 6, 9, Convent of Mercy, Angus street; William Thomas McClelland, 3, 4, Guildford State School; Magdalene Anne McConville, 3, 4, 6, 7, Convent of Mercy, Mount Barker; Arthur McCoy, 4, 6, 9, 10, Prince Alfred College; Roy McCreanor, 3, 4, 9, Marist Brothers' School, Norwood; Cyril George Hugh McDonald, 4, 9, 10, Laura Public School; Patrick John McFaul, 3, 4, 6, 7, 8, 9, 10, Christian Brothers' College, Adelaide; Kitty Elizabeth McGovern, 3, 4, St. Mary's Convent School, Kalgoorlie; Elsie May McGrade, 6, 7, Sacred Heart High School, Highgate Hill; James Alfred McInerney, 3, 4, 9, St. Mary's Convent School, Kalgoorlie; William Davidson McKenzie, 3, 4, 9, 10, Perth Boys' School; James Gordon Mackintosh, 9, 10, Pulteney Street School; Robert Sharp Galbraith MacLennan, 4, 6, Mount Pleasant Public School; John McLeod, 3, 4, 6, 9, 10, Mount Morgans State School; Alma Teresa McMahon, 7, 9, Convent of Mercy, Narracoorte; Cyril James McNamara, 3, 4, 9, Boulder Central School; Mikred McShane, 6, 7, 9, Sacred Heart High School, Highgate Hill; Arthur MacWilliam, 3, 4, 9, 10, Perth Boys' School; Fred Herbert Maddeford, 3, 4, 9, Kalgoorlie Central State School; John Joseph Mahony, 7, 8, 10, Christian Brothers' College, Adelaide; Hester Lavinia Mallett, 3, 4, 9, Kalgoorlie Central State School; Mabel Annie Marcus, 3, 4, Struan Provisional School; Annie Mabel Martin, 4, 6, Unley Public School; Kenneth Thomas Martin, 3, 6, 9, 10, Pulteney Street School; William Leslie Martin, 9, 10, Prince Alfred College; William Lele Martin, 4, 6, 9, East Adelaide Public School; Kathleen Jennie Matthews, 3, 4, 7, 9, Methodist Ladies' College; Moira Florence Matthews, 3, 4, 7, 9, Methodist Ladies' College; Laurence Mattinson, 3, 4, 19, Thomas Street State School; Olga Gates Maxwell, 4, 6, 9, East Adelaide Public School; George William Mettam, 3, 4, 9, 10, Perth Boys' School; Joan Isabel Miller, 3, 4, 7, Southfield School; Malcolm James Allen Miller, 3, 10, Norwood Public School; Stanley Vincent Milligan, 4, 6, 9, 10, Norwood Public School; James Harold Mills, 3, 4, 9, Marist Brothers' School, Port Adelaide; James Stanley Minett, 7, 9, St. Bridget's School, Midland Junction; Mary Monckton, 3, 7, 9, Convent of Mercy, Angus street; Aileen Vera Montgomery, 3, 4, 9, Kalgoorlie Central State School; Harold Eric Moody, 4, 6, 7, 8, 9, 10, St. Peter's Collegiate School; James Edward Moore, 3, 4, 7, 9, 10, Marist Brothers' School, Port Adelaide; Alan Wilson Morey, 3, 4, 6, 7, 9, 10, Queen's School; James Morgan, 4, 7, Christian Brothers' College, Perth; Valentine Morris, 3, 4, 9, 10, Kalgoorlie Central State School; Arnold Meredith Moulden, 3, 4, 6, 7, 9, 10, Queen's School; Albert Christian Mouritzen, 3, 4, 10, Christian Brothers' High School, Fremantle; Olive Mary Muirson, 3, 4, Perth Girls' School; George Murdoch, 3, 4, 6, 7, 9, 10, Geraldton State School; Willie Gillingham Candy Murdoch, 3, 8, 9, 10, Christian Brothers' College, Adelaide; Reginald William Murphy, 4, 10, Norwood Public School; Sadie Edith Murphy, 4, 6, 9, Advanced School