

## Yue Zha

NSN: 149494104

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@ : charleszha@camhigh.school.nz

✉ : 11 Keats Terrace  
Leamington  
Cambridge  
3432

### Qualification summary

	Date
National Certificate of Educational Achievement (Level 3) achieved with excellence New Zealand Qualifications Authority	15 May 2017
National Certificate in Mathematics (Level 2) Cambridge High School	23 Dec 2016
National Certificate of Educational Achievement (Level 2) achieved with excellence New Zealand Qualifications Authority	7 Apr 2016
National Certificate in Mathematics (Level 1) Cambridge High School	23 Dec 2016
National Certificate of Educational Achievement (Level 1) achieved with excellence New Zealand Qualifications Authority	26 Oct 2015
University Entrance	31 May 2017

### Scholarship (2017)

	Date
Scholarship in Chemistry	24 Nov 2017
Outstanding Scholarship in Physics	22 Nov 2017

### Scholarship (2016)

	Date
Outstanding Scholarship in Calculus	25 Nov 2016

### Course Endorsements

	Date
Biology excellence at level 3	12 Jan 2018
Chemistry excellence at level 3	12 Jan 2018
Economics excellence at level 3	12 Jan 2018
Mathematics with Calculus excellence at level 3	13 Jan 2017
Mathematics With Statistics excellence at level 3	12 Jan 2018
Physics excellence at level 3	12 Jan 2018
Art - Visual Design excellence at level 2	13 Jan 2017
Chemistry excellence at level 2	13 Jan 2017
Economics excellence at level 2	13 Jan 2017

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English Advanced excellence at level 2	13 Jan 2017
Mathematics Advanced excellence at level 2	8 Jan 2016
Physics excellence at level 2	13 Jan 2017
Art Visual Design merit at level 1	8 Jan 2016
English merit at level 1	8 Jan 2016
Physical Education excellence at level 1	8 Jan 2016
Science excellence at level 1	8 Jan 2016

### Vocational Pathways

Date

Creative Industries	15 Jan 2017
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### Components of learning

Date

Mathematics		Level	Credits	Result	
91574	Apply linear programming methods in solving problems	03	3	E	25 Aug 2017
91575	Apply trigonometric methods in solving problems	03	4	E	3 Jun 2016
91577	Apply the algebra of complex numbers in solving problems	03	5	E	22 Dec 2016
91578	Apply differentiation methods in solving problems	03	6	E	22 Dec 2016
91579	Apply integration methods in solving problems	03	6	E	22 Dec 2016
91587	Apply systems of simultaneous equations in solving problems	03	3	E	25 Oct 2016
91256	Apply co-ordinate geometry methods in solving problems	02	2	E	21 Oct 2015
91259	Apply trigonometric relationships in solving problems	02	3	E	16 Mar 2015
91261	Apply algebraic methods in solving problems	02	4	E	22 Dec 2015
91262	Apply calculus methods in solving problems	02	5	E	22 Dec 2015
91269	Apply systems of equations in solving problems	02	2	E	21 Oct 2015
Science					
91387	Carry out an investigation in chemistry involving quantitative analysis	03	4	E	3 Apr 2017
91388	Demonstrate understanding of spectroscopic data in chemistry	03	3	E	4 Apr 2017
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	03	5	E	15 Nov 2017
91391	Demonstrate understanding of the properties of organic compounds	03	5	E	15 Nov 2017
91392	Demonstrate understanding of equilibrium principles in aqueous systems	03	5	E	15 Nov 2017
91393	Demonstrate understanding of oxidation-reduction processes	03	3	E	2 May 2017
91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	03	4	E	15 Jun 2017
91523	Demonstrate understanding of wave systems	03	4	E	20 Nov 2017
91524	Demonstrate understanding of mechanical systems	03	6	E	20 Nov 2017
91526	Demonstrate understanding of electrical systems	03	6	E	20 Nov 2017
91601	Carry out a practical investigation in a biological context, with guidance	03	4	E	4 Aug 2017
91603	Demonstrate understanding of the responses of plants and animals to their external environment	03	5	E	16 Nov 2017
91604	Demonstrate understanding of how an animal maintains a stable internal environment	03	3	E	15 May 2017
91606	Demonstrate understanding of trends in human evolution	03	4	E	16 Nov 2017
91607	Demonstrate understanding of human manipulations of genetic transfer and its biological implications	03	3	E	31 May 2017
91161	Carry out quantitative analysis	02	4	E	7 Apr 2016
91162	Carry out procedures to identify ions present in solution	02	3	E	4 Mar 2016
91164	Demonstrate understanding of bonding, structure, properties and energy changes	02	5	E	21 Nov 2016
91165	Demonstrate understanding of the properties of selected organic compounds	02	4	E	21 Nov 2016
91166	Demonstrate understanding of chemical reactivity	02	4	E	21 Nov 2016

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<b>Science</b>		<b>Level</b>	<b>Credits</b>	<b>Result</b>	<b>Date</b>
91167	Demonstrate understanding of oxidation-reduction	02	3	<b>E</b>	13 Jun 2016
91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	02	4	<b>E</b>	7 Apr 2016
91170	Demonstrate understanding of waves	02	4	<b>E</b>	15 Nov 2016
91171	Demonstrate understanding of mechanics	02	6	<b>E</b>	15 Nov 2016
91172	Demonstrate understanding of atomic and nuclear physics	02	3	<b>E</b>	13 Jun 2016
91173	Demonstrate understanding of electricity and electromagnetism	02	6	<b>E</b>	15 Nov 2016
90935	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	01	4	<b>E</b>	28 Apr 2015
90940	Demonstrate understanding of aspects of mechanics	01	4	<b>E</b>	10 Nov 2015
90944	Demonstrate understanding of aspects of acids and bases	01	4	<b>E</b>	10 Nov 2015
90947	Investigate selected chemical reactions	01	4	<b>E</b>	27 May 2015
90948	Demonstrate understanding of biological ideas relating to genetic variation	01	4	<b>E</b>	21 Dec 2015
90950	Investigate biological ideas relating to interactions between humans and micro-organisms	01	4	<b>E</b>	21 Oct 2015
<b>Visual Arts</b>					
91310	Use drawing methods to apply knowledge of conventions appropriate to design	02	4	<b>E</b>	4 May 2016
91315	Develop ideas in a related series of drawings appropriate to established design practice	02	4	<b>E</b>	8 Jul 2016
91320	Produce a systematic body of work that shows understanding of art making conventions and ideas within design	02	12	<b>E</b>	14 Nov 2016
90914	Use drawing methods and skills for recording information using wet and dry media	01	4	<b>E</b>	4 May 2015
90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	01	12	<b>M</b>	5 Nov 2015
91015	Demonstrate understanding of formal elements of art works, using art terminology	01	4	<b>E</b>	4 Dec 2015
<b>Statistics and Probability</b>					
91580	Investigate time series data	03	4	<b>E</b>	12 May 2017
91581	Investigate bivariate measurement data	03	4	<b>E</b>	7 Jun 2017
91582	Use statistical methods to make a formal inference	03	4	<b>E</b>	1 Aug 2017
91585	Apply probability concepts in solving problems	03	4	<b>E</b>	27 Nov 2017
91586	Apply probability distributions in solving problems	03	4	<b>E</b>	27 Nov 2017
91264	Use statistical methods to make an inference	02	4	<b>M</b>	14 May 2015
91267	Apply probability methods in solving problems	02	4	<b>E</b>	22 Dec 2015
<b>English</b>					
91098	Analyse specified aspect(s) of studied written text(s), supported by evidence	02	4	<b>M</b>	23 Dec 2016
91099	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	02	4	<b>E</b>	23 Dec 2016
91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	02	4	<b>A</b>	23 Dec 2016
91101	Produce a selection of crafted and controlled writing	02	6	<b>A</b>	4 May 2016
91105	Use information literacy skills to form developed conclusion(s)	02	4	<b>E</b>	4 Aug 2016
91106	Form developed personal responses to independently read texts, supported by evidence	02	4	<b>E</b>	27 Oct 2016
91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	02	3	<b>E</b>	18 Oct 2016
90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	01	4	<b>A</b>	21 Dec 2015
90850	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	01	4	<b>M</b>	21 Dec 2015

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English		Level	Credits	Result	Date
90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	01	4	M	21 Dec 2015
90852	Explain significant connection(s) across texts, using supporting evidence	01	4	<b>E</b>	11 Jun 2015
90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	01	3	<b>E</b>	20 Oct 2015
90857	Construct and deliver an oral text	01	3	M	30 Jun 2015
<b>Languages</b>					
28050	Demonstrate understanding of spoken information on familiar topics (EL)	03	5	<b>E</b>	23 Oct 2015
28056	Read and understand texts on familiar topics (EL)	03	5	<b>E</b>	7 Sep 2015
28057	Read and understand texts for practical purposes (EL)	03	5	<b>E</b>	22 Sep 2015
15007	Understand spoken information and instructions in familiar contexts (ESOL)	02	4	<b>A</b>	13 Oct 2015
27983	Read and understand simple texts on familiar topics (EL)	02	8	<b>A</b>	8 Jun 2015
28001	Complete simple forms (EL)	02	5	<b>A</b>	28 Apr 2015
<b>Health and Physical Education</b>					
90962	Participate actively in a variety of physical activities and explain factors that influence own participation	01	5	<b>E</b>	21 Oct 2015
90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	01	4	<b>E</b>	18 Jun 2015
90969	Take purposeful action to assist others to participate in physical activity	01	2	<b>E</b>	18 Jun 2015
90970	Demonstrate self management strategies and describe the effects on participation in physical activity	01	3	<b>E</b>	26 Oct 2015
<b>Economic Theory and Practice</b>					
91399	Demonstrate understanding of the efficiency of market equilibrium	03	4	<b>E</b>	29 Nov 2017
91400	Demonstrate understanding of the efficiency of different market structures using marginal analysis	03	4	<b>E</b>	29 Nov 2017
91401	Demonstrate understanding of micro-economic concepts	03	5	<b>E</b>	12 Jun 2017
91402	Demonstrate understanding of government interventions to correct market failures	03	5	<b>E</b>	5 May 2017
91403	Demonstrate understanding of macro-economic influences on the New Zealand economy	03	6	<b>E</b>	25 Nov 2016
91222	Analyse inflation using economic concepts and models	02	4	<b>E</b>	20 Dec 2016
91223	Analyse international trade using economic concepts and models	02	4	<b>E</b>	15 Nov 2016
91224	Analyse economic growth using economic concepts and models	02	4	<b>E</b>	23 Dec 2016
91226	Analyse statistical data relating to two contemporary economic issues	02	4	<b>E</b>	26 Jul 2016
91227	Analyse how government policies and contemporary economic issues interact	02	6	<b>E</b>	3 Oct 2016

End of record

**Results key:** **A** – Achieved, **M** – Merit, **E** – Excellence (If a result is **bolded**, it is the highest possible result for the standard). Only the highest possible result the learner has achieved is shown for the related standard.



Dr. Karen Poutasi  
NZQA Chief Executive

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