

ANNUAL REPORT // 2015-16

KEEN MINDS + COMPASSIONATE HEARTS + GLOBAL ACTION

Mackintosh Academy nurtures the keen minds and compassionate hearts of the gifted child in a responsive and caring community of learners. Our students mature into confident, healthy human beings inspired to contribute to a world that needs them.

 $\mathbf{A} + \mathbf{V} + \mathbf{G} = \mathbf{O}$

INSIDE 2015-16



PURPOSE //

Our goal is to maximize learning potential and promote development of the whole child. We want our students to mature into whole, healthy human beings who are confident about their unique gifts and their place in the world as worthwhile contributors, who have keen minds and compassionate hearts and who contribute their special gifts to a world that needs them.

We are committed to an academic program that emphasizes a passion for life-long learning. In pursuing this goal, we strive to ensure that each child develops socially, emotionally, creatively, physically and cognitively in a nurturing and supportive environment.

Both campuses utilize the International Baccalaureate Curriculum: a program that provides students with discipline, creativity, flexibility, skills and a personal value system by which they can guide their own lives and become thoughtful and involved members of local communities and our global world. Mackintosh Academy is honored to be an accredited IB World School.



MARK MELTON // CHAIR OF THE BOARD OF TRUSTEES //

Mackintosh Academy impacted the keen minds and compassionate hearts of a record number of students during the 2015-16 academic year. As part of our commitment to making Mackintosh Academy accessible to all learners, there was also a record amount of financial assistance including scholarships for Solar Scholars in Littleton and Mack Scholars in Boulder.

After a year-long process involving all the school's constituencies, a new strategic plan was rolled out at the annual meeting on each campus. With an eye towards the future and in accordance with our strategic plan, the Board of Trustees approved significant physical plant improvements at both campuses including a new reception area and offices for Littleton and a commitment to energy savings through the updating of boilers and windows for Boulder.

Each in their second year, Heads of School Diane Dunne, in Littleton, and JJ Morrow, in Boulder, are creating lasting impact by building strong learning cultures on their respective campuses. Littleton's greenhouse, recycling and energy reduction efforts encompassed by the Smart Village initiative received local and national coverage and awards for their environmental sustainability and awareness. Boulder expanded its network through a marketing campaign that included two showings of the critically acclaimed documentary, *Most Likely to Succeed*, and the production of a new marketing/admissions video.

The students and faculty continued to shine and the parent communities responded enthusiastically with a record amount of volunteering and fundraising. On behalf of the Board of Trustees, I am proud to thank our learners, parents, teachers, staff and administration for making Mackintosh Academy a one-of-a-kind learning environment that nurtures each student's unique abilities.

CURRENT BOARD MEMBERS

Mark Melton, Chair Laura Lee, Vice Chair Trey Douglass, Secretary Bart Crawford, Treasurer Jonathan Bein, Ph.D. Kristina Campos Steve Dodd Mary Lou Faddick Stephanie Gill-Kelly George Kembel Dr. Susan Scheibel Annie Slothower



FINANCIAL RESULTS



ASSETS //

Cash and cash equivalents	\$1,221,806
Investments	606,597
Tuition and other accounts receivable	74,002
Prepaid expenses and other assets	124,268
Property and equipment, net	4,162,391
Endowment investments	388,832
TOTAL ASSETS	
\$6,577,896	







LIABILITIES & NET ASSETS //

Liabilities:

Accounts payable and accrued expenses	\$129,019	
Tuition and fees paid in advance	1,380,872	
Line of credit	6,865	
Notes payable, net LIABILITIES \$4,233,118	2,716,362	
Net Assets:		
Unrestricted	\$1,902,691	
Temporarily restricted	57,710	
Permanently restricted	384,377	
\$2,344,778 \$		X

REVENUE, CONTRIBUTIONS & OPERATING EXPENSES //









BOULDER CAMPUS NEWS //

The 2015-2016 school year was a year of growth in all areas of education and operation for our Boulder Campus. We welcomed 17 new students mid-year that led us to a path to reaching capacity in many grades. Our program expanded and welcomed innovative and creative initiatives including: new specialist classes in Design for 6th grade, and Science for 4th and 5th; and the addition of vibrant Friday Exploration programming. Thanks to an agile marketing strategy and referrals, we grew our student population midyear from 100 to 117. Our admissions growth was aided by our dual showing of the film *Most Likely to Succeed,* new marketing video, successful parent education series, participation in SteamFest, blogging and social media posts, and the expansion of our network of friends.

Our learning spaces continued to improve with major renovations to the Design Lab, Science Lab, Middle School homeroom and outdoor spaces, and our Kindergarten spaces. Thanks to a highly successful special appeal at our spring auction, we were able to make major progress in improving energy efficiency through the complete replacement of our windows and boilers.

Teaching teams also worked closely to deliver robust IB programming. As a campus, we continued to strengthen our focus on social-emotional learning and we took several steps forward towards improving our service learning programming. Thanks to a significant gift towards professional development, teachers and staff were able to grow through a range of experiences including: attending Colorado Association of Talented and Gifted annual conference, IB trainings/workshops, and the completion of Orton-Gillingham training for K-4 teachers.

Our culture of philanthropy and fundraising continued to strengthen, primarily through our Mack Scholar program. The scholarship endowment launched with a \$1.5 million gift that provided ten economically disadvantaged students a full ride through Mack. We also doubled our Momentum Annual Giving Campaign's goal of \$80,000 to earn \$164,000. We were again proud to attain 100% parent, teacher, and board participation. Our spring auction also grew in attendance and we surpassed all expectations in the silent, live, and appeal categories. We rounded out the year with an increased number of impact gifts, especially in the sciences and the arts.

The 2015-2016 school year was a solidifying year for Mack Boulder thanks to partnerships with our Littleton campus, the support of our Board, parent leadership, increased support from grandparents and friends, and tireless dedication from our teachers and staff. We ended the year feeling grateful and very confident of our bright future!

JJ MORROW // HEAD OF SCHOOL, BOULDER

BOULDER ADMISSIONS NEWS //

Excitement on the Boulder campus continued to build as we entered the peak of admissions season after winter break. Parents and students looking at Mack for the 2016-17 school year quickly became interested in mid-year enrollment after inspiring tours and student visits left children talking nonstop about their time spent at Mack. This energy led to 17 new students enrolling in January and February, bringing our number of students in 2015-16 to an all-time high of 117. The momentum in admissions continued as we added 38 additional new students (not including the 17 mid-year) to start the 2016-17 school year with a record 132 students. We filled our kindergarten and 1st grade classes early on after a series of successful admissions events. Our strong sense of community continued to grow with the addition of these new families and was fostered through social events organized by the Mack Parent Council, as well as many community service and fundraising events.

Mackintosh Academy Boulder received a \$1.5 million grant to launch a Mack Scholars Program designed to provide ten students full financial support to attend Mack from entry grade through 8th grade. Mack Scholars helped expand our school's reach to a historically unrepresented group of children who are often under-identified or under-served in schools that support gifted learners. The selection process mirrored our admissions process, but included a clear demonstration of full financial need. The ten scholars entered Mack in Kindergarten - 5th grade.

Our Parent Education programming continued to flourish throughout the school year kicking off with a highly successful and well attended dual screening of the critically acclaimed film, *Most Likely to Succeed*. We also formed a new series of events titled "Creating Innovators" which focused energy on utilizing design thinking to improve our lives in school and at home. We highlighted sciences with two major events: a Girls in Science event led by prominent female scientists in the Boulder area (from NCAR, UCAR, Ball Aerospace); and esteemed science educator John Paull guided us through a session on adopting the mindset of a scientist. Lastly, we again led an inspiring booth at Maker Bolder's SteamFest where we made over 400 new friends. Thank our many Mack Families for continuing to spread the good word and for referring great-fit families to our growing family.

JENNY STRODE // BOULDER ADMISSIONS DIRECTOR









LITTLETON CAMPUS NEWS //

In 2015, Mackintosh Littleton began talking about itself as a Smart Village--a wise, innovative, compassionate, diverse, collaborative, sustainable community of learners. Through the earlier grant-writing efforts of our 6th grade students, we installed solar panels and an energy monitoring system on all our buildings. The creative energy unleashed propelled us in 2015-16 school year and Mack Littleton students, teachers and parents engaged in initiatives like school-wide solar inquiries, Conserve Energy Day, a community salad, terrace gardening, greenhouse projects and multi-stream recycling. An Earth Day celebration in April marked the culmination of these efforts. At the event, Mack Littleton was awarded the Presidential Environmental Youth Award, the nation's top environmental award for students.

Throughout the year, Mack Littleton continued to fulfill its mission of nurturing the keen minds and compassionate hearts of gifted children and became a beacon of innovative gifted education through our teachers' leadership in Fair Share Nation, Mini-Maker Faire, and IB workshops and school evaluations. Global Action has always been the third component of our mission, and during the school year we dedicated ourselves to making that a significant and integral part of a Mack experience. Encouraged by parent feedback during our strategic planning community meetings, all our students engaged in meaningful service to our community through our work with area parks, nursing homes, Head Start programs and local art improvements. Parent Council joined the effort with an international-themed auction and our first ever Spring International Festival. We also tended to the world within our campus boundaries by planning the first major capital improvement since 2000—a restoration of our reception area hearth and expansion of administrative, collaboration and meeting spaces.

During the 2015-16 school year, our Smart Village drew on the talents and energies of all its citizens students, parents, teachers, alum—to embrace stimulating and heartfelt educational experiences, and we reached effectively beyond our campus to help our neighbors, improve our environment and *contribute to a world that needs us*.

DIANE DUNNE // LITTLETON HEAD OF SCHOOL

LITTLETON ADMISSIONS NEWS //

During the 2015-2016 school year, Mackintosh Littleton achieved increased stability in enrollment. We reduced our attrition rates by 50% from the preceding school year, and experienced a net enrollment increase of 8%. Our $3^{rd}/4^{th}$ grade and $5^{th}/6^{th}$ grade classrooms were both at capacity. We also made progress towards balancing our male/female ratio, particularly in the lower grades.

We continued our outreach efforts with the professional community of therapists, counselors and educators by sponsoring a professional's breakfast and a gifted girls roundtable. Mackintosh participated in the Colorado Association of Gifted and Talented Conference (CAGT) in Loveland as well as the 5280 School Fair and the Denver Mini Maker Fair, both at the Museum of Nature and Science. Our film screening and panel discussion for the award-winning educational documentary, "Most Likely to Succeed" was a huge success, attracting a wide audience of community members, educators and parents. We also hosted a science workshop that brought new faces to campus. Expanded after school enrichment programs and summer camps also helped spread the news about Mackintosh. Positive news articles about our award-winning Littleton campus were further supported with a Colorado Public Radio advertising campaign in January.

We expanded our reach in the larger gifted community by strengthening our relationships with the Douglas County (DCAGT) and Jefferson County (JAGC) chapters of CAGT as well as the newly formed consulting group, "Preparing for Denver Kindergarten." More and more families in the South Metro Denver area are becoming aware of Mackintosh Academy as both a home and resource for gifted families, as evidenced by increased inquiries and enrollment. These trends are continuing into the 2016-17 school year and we anticipate another successful year. Thank you for your continuing support and willingness to make positive referrals for our school!

BETH STEKLAC // LITTLETON ASSISTANT HEAD OF SCHOOL





PRIMARY & MIDDLE YEARS PROGRAMS // CURRICULUM UPDATE //

The 2015-2016 school year marked the improved integration of technology and design elements into every class. The International Baccalaureate curriculum was further established for the Primary Years (PK-6th grade) curriculum. Both allowed us to develop activities such as students learning how to program simple robots, to code with Scratch and Java, to develop their understanding of electronics, and to use 3D printers. We also enhanced our Makerspaces through the school so students could employ the elements of the Design Cycle into their creations, deepening and igniting their unit studies.

Within the backdrop of gentle music, exploratory centers, and self-management, our PK students learned how to count and read, about jobs and professions within communities, the continents and their animals, and the life cycle of frogs. Students also had the opportunity to learn about different styles of music and made their own musical instruments. Our Pre-Kindergarten students led their first portfolio parent-teacher-student conference in March.

Our Kindergarten, 1st, and 2nd grade classes studied botany, explorers, celebrations around the world, space, birds and animal adaptations, communities, maps and geography, and water. Students shared their family celebrations and compared them to different cultural/religious celebrations. Our 1st-2nd grade class performed an adapted version of "The Nutcracker" play which included dance, drums, song, and drama. In the Explorer unit, students explored their surroundings and went to mountaineering exhibitions which included snowshoeing and rock-climbing. Students also sailed the seas, flew in the air and space, and explored the Arctic and depths of the ocean as they learned about famous explorers.

Our 3rd-4th grade class studied nutrition and the human body, Colonial America, electricity, ecosystems, and how nature inspires artistic expression. The colonial studies started with pilgrims and the early settlements of Roanoke and Jamestown. They then investigated the life and times of all original thirteen colonies. Students participated in a simulation which not only highlighted key concepts, but allowed students to grapple with the complexities of working in groups. Littleton students culminated their studies in a Colonial Day which allowed all students, parents, and staff to learn about key elements of Colonial life. Boulder 4th Graders capitalized on an opportunity to learn from parents who lived in Antarctica for six years and to discuss modern day aspects of the central idea

"People settling in new locations with wide ranging effects on themselves and the indigenous population." In the ecosystem unit, the students from both campuses joined together to study in the mountains at Cal-Wood's environment education program.

Our 5th-6th grade classes studied energy resources, the effects of European imperialism in Africa (Littleton campus) or India (Boulder campus), heroes, the laws of physics, poetry, and international diplomacy. In addition, the 6th grade students completed their annual exhibition which is the culminating experience for PYP students. The energy unit "electrified" the students into action as they built machines, experimented with real tools, and struggled with energy problems and possible solutions. The Boulder campus had an Energy Fair which supported authentic, hands-on projects. The Littleton campus built solar-powered machines and both campuses conducted energy audits of their homes and schools.

Our Middle Schools embraced the new, world-wide changes to the IB MYP program requirements in objectives and rubrics. Each year, schools are required to have one Interdisciplinary planner. Ours related to the scientific, social, and design principles of Smart Villages of the past, today, and the future. Students from both schools took this knowledge and incorporated it into their presentations to the World Affairs Challenge. The Boulder team held a mock town council of a village in South America, sharing knowledge, myths, fear, and solutions for the Zika virus. Littleton's two teams investigated and presented on mental health concerns in rural India and education in rural Egypt, respectively. One group made a Poetry Slam presentation that brought tears to viewers' eyes. The students studied the Middle Ages in their Individual and Societies course. In science, they studied scientists of our past in the "Shoulder of Giants" unit and created their own "Ted Talks" (Boulder) or conducted a full-scale Mission to Mars inquiry with a simulation at the Challenger Center, recreation of a Martian mission in the classroom, and a Skype visit with author Andy Weir of <u>The Martian (Littleton)</u>.

Our Mackintosh curriculum continues to strengthen as we leverage a robust, common IB framework within the individual contexts of our unique campuses.

SHARON MUENCH // CURRICULUM COORDINATOR



BOULDER CONTRIBUTIONS //

Boulder:	
Donations	\$27,835
Annual Fund	139,221
Auction, net	176,287
Scholarships	140,000
Grants	63,701
	\$519,209







280 Blue 3rd Grade Class Allen, Tonya & Shawn Ambraziunas, Adrienne & Bryce Amy Reichlan Consulting Anderson/Little, Katherine & Paul Baker/Keogh, Tara & Paul Ball Corp Barto, Allison & Todd Barto, Mary Barto, Trevianna Bein, Jonathan Berghoff, Julie Bierkatz, Yael & Oren Blanchard, Sandra Bodorf-Schreirer, Natasha & Steffan Bolch, Jenny Botha, Shani & Francois Braam, Maggie & Peter Bradley, Alex & Peter Briggs, Shelly & David Browder, Susan & Andrew Brown, Harriet Brown, Rex Buchanan, Aaron Campos, Kristina

Carreon, Tracey & Benny Caruso-Thompson, Gina & Tom Gaudet, Sam Center Copy Cobb. John Cole, Lindsey & Garret Cole, Nancy Colorado Gives Day Grant Cook, Holly Cook, Windy & Chris Crawford, Allyson & Bart D.GLOBAL.ORG Dash, Rebecca Davis, Jill & Glen Dermatology Specialists Dodd, Steve & Margaret Douglas, Trey DuPre Pesmen, Paula and Kurt Elterich, Allison & Stefan Espineira, Kristi & Andres Etemadi, Yana & Ali F5 Networks Faddick, MaryLou Fagan, Sue & Tony Finley, Shelly & Alan Fiori/Campbell, Alice & Bill Furth, Sandy Galloway, Angie & John

Garianova, Tatiana Gibbs, Adrienne & Justin Gill. Missy & Rick Gilliam/Iacono, Ashley & Alex Granger, Kim & Gary Grant, Anthony Groem, Svein Gyambvantha, Vinita & Raghu Hamilton, Michael Harold & Marion Gordon Foundation Haynes, Deli & David Hernandez, Michelle & Alex Higgins, Sarah & Mark Hinshaw, Portia Holloway, Katie & Mike Hoskins, Becky & Alan Hume, Tara & Chris Jackson, Katelyn & Graham Jaeckel, Heidi Jung, Stephanie & Christopher Kammerer, Rudolf Kammerer, Rudy Kapustka, Kim and Paul Keck, Sharon & Richard Keene Smiles Keene, Jaimee & Greg

Kelly Eyen State Farm Agency Kembel, Alice & George Kembel, Silvia & John Killian, Trish & Shawn King, Jen & Evan Kracklauer, Susan & Sean Kratsas, Robert Kusel, Larissa & Dan L&N Andreas Foundation Lanaghen, Martha & Steve Leach, Lesly Leathern, Amanda & Rob Leaves, Joy Leaves, Michael Lee, Andy & Laura Lemberger, Judith Lemberger, Veronica & Dan Leyla Steele Lindner, Emily & Rick Little, Kat & Paul Leach, Lesly Leathern, Amanda & Rob Leaves, Joy Leaves, Michael Lee, Andy & Laura Lemberger, Veronica & Dan

Leyla Steele Lindner, Emily & Rick Little, Kat & Paul Littlefield, Janet Littlefield, Lucy & Scott Lively/Marguardt, Renee & Michael Lvon, Jessica & David Marr/MacDougall, Kerry & Jim Martin Engineering Martin, Christine & Jerry Maxson, Lisa Marie McCoy, Jennifer McIntyre, Katherine & Ryan McOskar/Medeiros Gia & Tim Mechels-Reichlin, Amy Mechls, Steve Melton, Alvin Melton, Ragan & Mark Mendoza-Renton, Lizbeth **Messing Family Foundation** Miner, MaryAnne & John Miralles, Carolina Montjar, Susan Morgan, Christine & Will Morrow, Darsa & JJ Morrow, Joan & Garv Morton/Derr. Tori & Jeff

Motschenbacher/Volk, Heidi & Mike Scheibel, Susan Murray-Swank, Nichole & Aaron Nobile, Arielle Odbaver, Nara & Borku Osias, Tiffany & Alex Parker, Brenda & Jim Parker, Melody Pendleton, Brian Pendleton/Schuler, Lynn & Billy Philp, Jaime Pikiewicz/Sundem, Kristi & Garth Pile, Brad Pile, Kathy Prengaman, Emily Pringle, Kellie & Rob Rainwater, Terese Ralston/Stack, Heather & Jim Renton, Lizbeth & Brian Reuter/Russel, Susy & Jeff Rhodehamel, Stevy & Rowland Rippey, Elizabeth & Kyle Rodriguez, Roxana & Gabriel Roop, Rebecca Rose/Bray, Mara & Andrew Rusconi, Ingrid Rusconi, Sandi & Andre Scala, Tina

Scheitlin, Cathy & Mark Schmidt, Kaitlin & Brian Schuler, Prudence Serface, Lisa Shapiro, Marla & Edmund Shreves, Helen Sockrider, Lori & Garv Spratlin/Wetherbee, Lisa & Ken Spruill, Jessica & Yancey Strode, Jenny Sullivan, Jill & Patrick Telato Wine Group Teton Waters Ranch Thoms, Judy Twist Van Ausdale, Bruce van Someren, Jackie & Nicko Vaughters, Jonathan Warren, Charlie Wetherbee, Katherine White, Shirly & Eric Wilson, Lauren & Ben Wolf, Kristen



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LITTLETON CONTRIBUTIONS //

Littleton:	
Donations	
Annual Fund	
Scholarships	
Auction, net	





Cronin, Elsie Cuckson, Lee Dalton, CJ & Samantha Dodd, Steve & Margaret Douglass, Robert Dunne, Diane Ehrnstein, Andrew Espineira, Kristi Faddick, Mary Lou Farmer, Maureen Frederick, Cynthia Furth, Sandy Galinkin, Jeffrey Gibbons, Dave Gill-Kelly, Stephanie Great West Life Grossman, Melissa Guerrant, Phillip & Tia Guilbert, Lula Haigh, Pam Hamm, Sue Hedges, Joanne Heller, Alison Higgins, Sarah



Himango, Ryan & Rebecca Kates, Kelly Kembel, Alice & George King, Jennifer Knight, Megan Knudsen, Karen Koback, Karinn & Edward Kukuchka, Joe Lambert, Mindy Larson, Adam & Tori Leatherman. Jodie Leathern, Rob Lee, Andy & Laura Lien, Siobhan Liebert, Dana Little's Wine & Spirits Inc. Mahajan, Amandeep Marvin, Kathleen Maxson, Lisa Marie McAninch, Sherri Melton, Mark Metcalfe, James Mills, Jocelyn Miller, Laura

- Rebecca Miranda, N Mitchell, N eorge Mitchell, M Moon, Kard Morrow, Ja Muench, SI Edward Muhich, Na Edward Muhich, Na Napier, Wil Nimmo, Sta ori Peterson, C e Piton Foun Ponce-Wor Price, Stepl Procopio, C Raddatz, A irits Inc. Rainwater, eep Rasmussen Roder-Cox, ie Roettger/H Routzon, M Sam's Powy Schaefer, N
- Annual FundScholarshipsAuction, net

Donations

Miranda, Nicole Mitchell, Nicole Mitchell, Max & Amy Moon, Karen Morrow, James Muench, Sharon Muhich, Nancy Napier, William Nimmo, Stacy Peterson, Cori Piton Foundation/Nancy Gary Ponce-Wortmann. Caroline Price, Stephanie Procopio, Carol Raddatz, Amanda Rainwater, Terese Rasmussen, Samara Roder-Cox, Siobhan Roettger/Horne, Glenn & Michelle Routzon. Matthew Sam's Powersports Garage Schaefer, Mary Scheibel, Susan Scheitlin, Catherine



Schledorn, Kristin Schlosser, Nancy Schmitt, Kevin Schwanitz, Bill Selzer, Nancy Shah, Danielle Slothower, Annie Smith, Linda Stathis, Jennifer Steklac, Beth Thomas. Heather Toomey, Daniel VanBuren, Rebecca VanClay, Erin VanMatre, Nick Vaughters, Jonathan Wann, Susan Weiske, Lisa Weston, Patty Whaley, Ken Widegren, Jason Yates. Scott



