APPENDIX R.	ASD	ACCOUNTABILITY PLA	N

Academy for Science and Design 2017-2022 Accountability Plan

	2017-2022 Accountai	Dility Plan
Mission Statement:		
Through our innovative ST advancements in science a	EM-focused program, the Academy for Science and Design fosters an environment that inspir and technology, as well as to become thoughtful, compassionate, and engaged citizens.	es, nurtures, and challenges every student; cultivating their individual abilities to lead
I. The school is making	progress toward achieving its mission	
Criteria	Objectives	Measures
	 Students will demonstrate high interest and outstanding achievement in the subjects of science, mathematics, engineering, and design, including their applications in real-world settings. 	Progress toward academic excellence as defined in the school's mission is demonstrated by the following and detailed further under Guideline #3:
Academic Excellence	Students will develop skills and deep understanding across the curriculum, with emphasis on academic, social, and personal preparation for success in college as well as for active and responsible leadership in career and community life.	Sustaining numbers of students who apply to and enroll in the school Exceptional levels of achievement on standardized tests in mathematics and science Increasing numbers of students who excel in project-based and extended learning Exceptional levels of achievement on standardized tests in reading Documentation of growth in students' self-efficacy, social skills, preparation for college, and leadership
Program Quality & Innovation	The school will offer a high-standard, college-preparatory program specializing in mathematics, applied lab sciences, and design. The school will provide subject-specific and cross-disciplinary opportunities for students to engage in project-based/inquiry learning, real-world laboratory experiences, internships with industry partners, advanced coursework through area colleges and online resources, and other effective practices in active, engaged learning.	Progress toward programmatic quality as defined in the school's mission is demonstrated by the following and detailed further under Guideline #3: - The school's established course offerings across the STEM subject areas - Documentation of engaged, "anytime, anywhere" learning opportunities provided by individual teachers, by collaborating groups of teachers, and by the school as a whole
Organizational Strength & Innovation	The school's Board of Trustees will set policy and make decisions that serve the mission and vision of the school. Board committees and advisors will pursue opportunities to link the academics and program of the school with industry and higher education partners to provide extended learning opportunities for students. The school will be open to all interested students and organized to facilitate learning in a small, personalized setting The school's faculty and staff will include strong representation by individuals with significant work experience in the STEM subject areas The school will encourage and support job-embedded, collaborative forms of professional growth for teachers focused especially on improving students' motivation, achievement, and persistence in STEM learning as students move through the program. The school's administration will strengthen school organization in terms of its culture of professional collaboration, responsiveness to parents and students, openness to innovation, and its position of state leadership as a unique model of STEM-focused quality education.	Progress toward organizational capacity to achieve the mission of the school is demonstrated by the following and detailed further under Guideline #4: - Parent satisfaction with the actions of the Board to govern the school appropriately and in line with the school's mission
2. The school is using p	ublic funds responsibly	
Criteria	Objectives	Measures
Quarterly Financial Reports	The school's quarterly financial reports will comply with accepted standards of public school accounting. The school's quarterly financial reports will demonstrate reasonable and prudent planning.	State financial reports are determined compliant with acceptable standards State financial reports of account balances are determined to show that expenditures are in line with available resources
Purchasing and Billing	The school's purchasing and billing practices will meet acceptable standards for public school accounting.	- Internal and external audits reflect acceptable standards
External Audits	The school will provide an annual external audit with no material defects.	- Annual audits are approved as submitted
Board Minutes	The school's Board minutes will indicate clear communication of accurate information about the school's financial condition.	- Board minutes are determined to contain accurate information about the school's finances
The school promotes	student attainment of expected knowledge and skills	
Criteria	Objectives	Measures

PPENDIX B: ASD ACCOU	ΙΝΤΔΡΙΙ ΙΤΥ ΡΙ ΔΝ		
FEINDIX B. ASD ACCOU	The school's curriculum will be aligned with state-adopted content and performance	- Ongoing faculty review of materials, methods, and student work to confirm alignment or make	
	standards for all applicable subject areas.		
		appropriate adjustments in applicable courses to include the following:	
	2. Students will exceed the average performance of New Hampshire students on		
	standardized testing at the middle and high school levels	- Applied Mathematics through Calculus	
	3. Students will show continuous improvement in their performance on state assessments	- Applied Laboratory Science & Engineering	
	of mathematics, science, and reading.	- Biological Science	
		- Chemistry	
		- Physics	
		- Engineering	
		- Computer Science	
		- English/Literature	
Ctata Danfiniana.			
State Proficiency		- World Language and Cultural Studies	
Standards		- Social Science/History	
		- Visual and Performing Arts	
		- Health and Fitness Personal Program	
		- State test scores to indicate the following performance levels each year:	
		>75% of students proficient or advanced in science and mathematics	
		>75% of students proficient or advanced in reading	
		>75% of students scoring higher than the state average on the PSAT and SAT	
		>75% of students showing an increase in their performance in science and mathematics over	
		the prior year	
		>75% of students showing an increase in their performance in reading over the prior year	
	Students will master the content of the STEM gateway course of Algebra I	- Teacher-designed assessments to indicate >80% of students demonstrating >80% mastery of	
	Students will master the content of the STEM gateway course of Algebra 1 Students will demonstrate deep understanding of subject-specific content and	the content of mathematics courses	
	interdisciplinary topics across the curriculum.	- Teacher-designed tests and performance assessment results to indicate students' conceptual	
		understanding and application skills across the curriculum	
	beyond the typical course offerings in public schools.	- Class attendance records and student work samples to show participation and performance in	
	4. Students will succeed in meeting the individual objectives of extended STEM or STEM-	electives such as advanced electronics, aeronautics, anatomy, anthropology, archaeology,	
ASD Proficiency	related learning opportunities such as internships and collaborative projects with science	aviation, biochemistry, botany, computational sciences, computer programming, design	
Standards	professionals, industry leaders, and local entrepreneurs; early college coursework; and e-	technology, environmental science, ethics in science, forensic science, forestry, history of science,	
	learning experiences through online resources.	marine biology, natural history, numerical modeling, oceanography, physiology, population biology,	
	5. All seniors will complete a capstone project that represents a culmination of each	renewable energy, space science, sustainable agricultural science, and transportation sciences.	
	student's learning and research within STEM, while also incorporating skills and	- Composite school record and individual student portfolios to indicate percentage of students	
	understandings from other subjects across the curriculum.	completing the objectives of extended learning opportunities each year	
	and order and other dablests deliber the curricularity.	- 100% of senior projects assessed at the exemplary or proficient level on a locally designed	
	All all all all all and a will an all a manufacture of a way of the state of the st	rubric, including a measure for each student's public presentation	
	1. All students will make an active, stewardship contribution to improving the physical	- Composite school record to indicate the percentage of students completing school stewardship	
	environment or cultural climate of the school each year.	project each year	
Other ASD Learning	2. Students will be prepared to enter college with the motivation and academic background	- School guidance records to indicate the post-graduation plans of all students, with at least 90%	
Goals	for pursuing any career field of the students' interest, and especially for choosing further	students planning to attend higher education	
	studies toward a STEM-related career at a rate that exceeds state norms.	- School guidance records for students accepted to college to indicate plans to study a STEM	
		career field at a rate that exceeds state norms	
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The school is sustaina	¥1.1	Magazina	
Criteria	Objectives 1. The Peard will govern in accordance with public meeting laws and regulations	Measures Decumentation of moetings as recorded in Read minutes	
Responsible & Effective	The Board will govern in accordance with public meeting laws and regulations.	- Documentation of meetings as recorded in Board minutes.	
Governance	2. The Board will operate in ways appropriate to its community leadership role in setting	- Satisfaction of parents and school staff with the conduct of the Board in managing its	
	school policy and providing effective oversight of the school's program and operations.	governance responsibilities properly and effectively	
	1. The school will implement clear and well-understood systems for decision-making and	- Flow charts and position descriptions established to clarify communications and professional	
	communication.	role delineation	
	communication.		
		- Percentage of school staff who are satisfied with the clarity and day-to-day interactions of	
	2 The school will delineate and support clear roles and responsibilities among and	- Percentage of school staff who are satisfied with the clarity and day-to-day interactions of administration and staff to manage the school operations effectively	
Efficient Management Systems	2 The school will delineate and support clear roles and responsibilities among and between administrative personnel and teaching staff.	administration and staff to manage the school operations effectively	
Efficient Management Systems	2 The school will delineate and support clear roles and responsibilities among and	administration and staff to manage the school operations effectively	

1. The school will communicate and reinforce clear standards and expectations for instruction based on current research findings and the corresponding vision of the school tate emphasizes personalized, active learning aimed at in depth understanding of essential bases and related professional process and related professional professional process and related professional growth plans focused on improving student learning. 3. The school vision process and related professional growth plans focused on improving student learning. 4. The school will partner with the local LEA to facilitate high quality secrition in the classion of the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition in the school will partner with the local LEA to facilitate high quality secrition of the school will partner with the local LEA to facilitate high quality secrition of the school will partner with the school will	APPENDIX B: ASD ACCOU	NTABILITY PLAN		
The school will partner with the local LEA to facilitate high quality services to students with special education needs. Services Safe, Clean Facilities Caring, Respectful respectful control of the control of the control of the control of the control will provide a safe and caring school philosophy and expect courteous and Adults Caring, Respectful respectful attitudes and behavior from all members of the school community. 1. The school will promote a safe and caring school philosophy and expect courteous and Adults Caring, Respectful respectful attitudes and behavior from all members of the school community. 2. The school will develop and implement all equired policies and procedures for ensuring that the safety of students from threat of bullying in any form, as well as any other potential danger to students and Adults Viable Financial Plan Viable Financial Plan Viable Financial Plan Viable Financial Plan The Board and school leadership will implement effective systems to enable responsible to the special education coordinator to ensure that all 504 plans and LEPs are followed to be self-ool will develop an annual budget that can be sustained by its emollment and in processes. Sustaining Enrollment Pattern Pattern The School will implement the student recruitment and enrollment process as described in its sustain its program and meet its plans for growth and stability. 2. The school will implement the student recruitment and enrollment process as described in its sustain its program and meet its plans for growth and stability. 2. The school will employ experienced, certified teachers are at as defined pulpoy experience, certified teachers are at a set from the project point and stability. 2. The school will employ experienced, certified teachers are at a set from the schools. 2. The school will employ of individuals with unique work experience related to STEM subject matter who also possess a strong talent for engaging students in learning. 2. The school will provide firmly stable and prov	Instructional Quality Assurance	The school will communicate and reinforce clear standards and expectations for instruction based on current research findings and the corresponding vision of the school that emphasizes personalized, active learning aimed at in-depth understanding of essential ideas and real-world skills, especially as related to STEM The school will implement a high quality system of teacher evaluation that includes measures for best-practice instruction, the quality of student work produced, and related professional growth plans focused on improving student learning. The school director will function as an instructional leader capable of modeling and	improve student learning - Percentage of teachers satisfied that their evaluation process and related professional growth activities are implemented effectively and beneficially. - Percentage of teachers satisfied that the instructional leadership role of the school director is	
School District) Caring, Respectful Environment for Students and Adults Adults The school will promote a safe and caring school philosophy and expect courteous and respectful attitudes and behavior from all members of the school community. The school will develop and implement all required policies and procedures for ensuring the safety of students from threat of bullying in any form, as well as any other potential danger to students and adults of the school. The school will implement all required policies and procedures for ensuring the safety of students from threat of bullying in any form, as well as any other potential danger to students and adults of the school. The school will develop and implement effective systems to enable responsible fiscal oversight of the school. The school will develop and implement effective systems to enable responsible fiscal oversight of the school. The school will develop an annual budget that can be sustained by its enrollment and procedures and school leadership will implement effective systems to enable responsible fiscal oversight through appropriate planning processes. Sustaining Enrollment Pattern Sustaining Enrollment Pattern Pat			subsequent contacts with sending school districts for special education services. - Documentation provided by the school's special education coordinator to ensure that all 504	
Experienced, Certified Teachers Experienced, Certified Teachers	Safe, Clean Facilities			
1. The Board and school leadership will implement effective systems to enable responsible fiscal oversight of the school. 2. The school will develop an annual budget that can be sustained by its enrollment and is in support of student achievement. 3. The Board will develop an annual budget that can be sustained by its enrollment and is in support of student achievement. 3. The Board will demonstrate long-term fiscal oversight through appropriate planning processes. Sustaining Enrollment Pattern Pattern Pattern The school will implement the student recruitment and enrollment process as described in its charter and as defined by statute and regulations to ensure its enrollment will be sufficient to sustain its program and meet its plans for growth and stability. Experienced, Certified Teachers The school will employ experienced, certified teachers at a rate that meets or exceeds atted percentage requirements for charter schools. 2. The school will employ individuals with unique work experience related to STEM subject matter who also possess a strong talent for engaging students in learning. Retention of Quality Staff. Retention of Quality Staff. The School will employ experienced, certified teachers and administrators, leachers, and staff. 2. The school will engaging students in learning. Parent Satisfaction Parent Satisfaction Parent Satisfaction Satisfaction provides the school in provided timely and readily accessible information to parents on the academic, personal, and social growth of the children. 3. The school will employ describe the school in numerous in the school in numerous is the precentage of parents satisfied with the quality of school communications. Percentage of parents satisfied with the quality of school communications. Percentage of parents satisfied with the quality of school communications. Percentage of parents satisfied with the quality of s	Environment for Students and Adults	respectful attitudes and behavior from all members of the school community. 2. The school will develop and implement all required policies and procedures for ensuring the safety of students from threat of bullying in any form, as well as any other potential	Percentage of teachers, parents, and students who agree that students are safe at school, are learning the importance of caring and respect for others, and are treated fairly in school. Percentage of school staff who agree that the school succeeds in fostering a climate of	
charter and as defined by statute and regulations to ensure its enrollment will be sufficient to sustain its program and meet its plans for growth and stability. 1. The school will employ experienced, certified teachers at a rate that meets or exceeds state percentage requirements for charter schools. 2. The school will employ individuals with unique work experience related to STEM subject matter who also possess a strong talent for engaging students in learning. 1. The school will establish an educational climate resulting in a purposeful, professionally grafifying learning environment and reasonable rates of retention for administrators, teachers, and staff. 2. The Board will consider providing additional enhancements in areas of competitive employee benefits and bonuses as additional incentives for improving the retention of quality teaching staff, contingent upon available resources. Parent Satisfaction Percentage of parents satisfied with the academic programming of the school. 2. Teachers and administrators will respond professionally and empathetically with parents concerned about the academic, personal, and social growth of their children. 3. Perrentage of parents satisfied with the quality of school communications.	Viable Financial Plan	The Board and school leadership will implement effective systems to enable responsible fiscal oversight of the school. The school will develop an annual budget that can be sustained by its enrollment and is in support of student achievement. The Board will demonstrate long-term fiscal oversight through appropriate planning	Documentation of finance, funding, and strategic planning committee meetings focused on fiscal planning and monitoring Financial reports to show that the annual budget is sustained by the school's enrollment Financial reports to indicate a history of positive net assets and adequate cash flow to sustain	
Experienced, Certified Teachers 1. The school will employ experienced, certified teachers at a rate that meets or exceeds state percentage requirements for charter schools. 2. The school will employ individuals with unique work experience related to STEM subject matter who also possess a strong talent for engaging students in learning. 1. The school will establish an educational climate resulting in a purposeful, professionally gratifying learning environment and reasonable rates of retention for administrators, teachers, and staff. 2. The Board will consider providing additional enhancements in areas of competitive employee benefits and bonuses as additional incentives for improving the retention of quality teaching staff, contingent upon available resources. Personnel reports to indicate compliance with state requirements for charter schools - Personnel reports to indicate compliance with state requirements for charter schools - Personnel reports to indicate compliance with state requirements for charter schools experience and qualifications of teachers with STEM-related work experience - Staffing reports to track staff retention rates - Exit interviews to determine reasons for resignation that could be addressed by potential new policies and practices in the future - Percentage of parents satisfied with the academic programming of the school. - Percentage of parents satisfied with the academic programming of the school. - Percentage of parents satisfied with the quality of school communications. - Percentage of parents satisfied with the quality of school communications.		charter and as defined by statute and regulations to ensure its enrollment will be sufficient to		
Parent Satisfaction	Teachers	The school will employ experienced, certified teachers at a rate that meets or exceeds state percentage requirements for charter schools. The school will employ individuals with unique work experience related to STEM subject.	- Personnel records to detail the specific experience and qualifications of teachers with STEM-	
academic performance of their children, including online access to school events, classroom activities, assignments, and grades. Parent Satisfaction Parent Satisfaction 2. Teachers and administrators will respond professionally and empathetically with parents concerned about the academic, personal, and social growth of their children. 3. Parents will be invited to support the vision and sustainability of the school in numerous	Retention of Quality Staff	gratifying learning environment and reasonable rates of retention for administrators, teachers, and staff. 2. The Board will consider providing additional enhancements in areas of competitive employee benefits and bonuses as additional incentives for improving the retention of quality teaching staff, contingent upon available resources.	- Exit interviews to determine reasons for resignation that could be addressed by potential new policies and practices in the future	
777	Parent Satisfaction	academic performance of their children, including online access to school events, classroom activities, assignments, and grades. Teachers and administrators will respond professionally and empathetically with parents concerned about the academic, personal, and social growth of their children.	 Percentage of parents satisfied with the school-family interactions of the school. Percentage of parents satisfied with the quality of school communications. 	