

Initiative 1 Governance/Management

Initiative 1a. Finalize Governance/Management Structure		Design Principle: Involve committed STEM stakeholders; Value and promote a STEM culture and a single community of practice from parents to educators to corporate leaders	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)
Form a small team to codify Governance/management Structure for TRSA; Host two meetings to review and codify the structure with language that is consistent with the TRSA Design Studio work	Publish Governance/management Structure for TRSA with a short report from the TRSA team	The Governance/Management Structure will guide and support the goals and output of the TRSA and enable the continued design of TRSA as new partners arrive	The Governance/Management Structure will support a TRSA that thrives financially and programmatically and successfully fulfills the Organizational Mission and adheres to the fidelity of the Design Principles.
Initiative 1b. Operationalize Governance/Management Structure		Design Principle: Ensure an evidence- based approach with measurable and sustainable results	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)
Create broad parameters with metrics around the specific tasks of the TRSA to facilitate action-oriented programs	Draft protocols and process for reviewing/vetting/endorsing programs using a rubric approach and consistent with the TRSA's vision and design principles	Facilitated action items demonstrated to have used the protocols and rubrics.	Adoption of and automated use of the defined processes and protocols that are enabling of sustaining the structures created and vetted
Initiative 1c. Hire Staff as needed		Design Principles: NA	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)

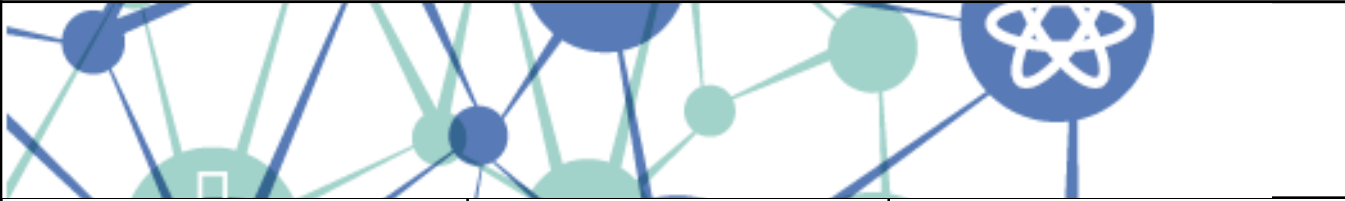


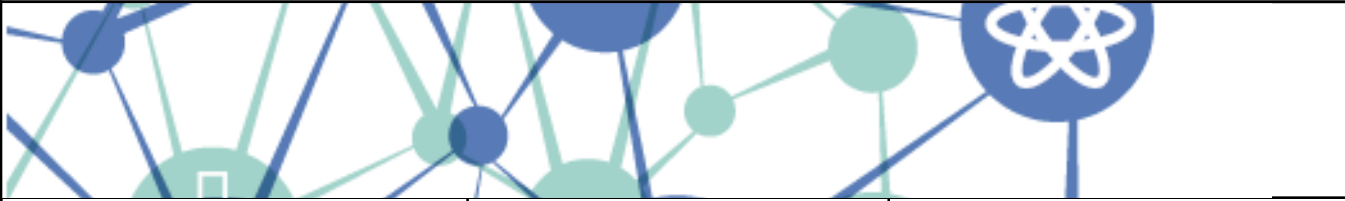
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Initiate hiring of staffers as agreed to in design blueprint; create the opportunity to draft protocols that can be used to hire all staff at any time	Staffing plan complete and delivered to the Council for review	A functioning support team for TRSA activities and delivering of the promise of TRSA; additional partners joining the work at TRSA; identification of additional opportunities for TRSA that have significant follow through	Maintain appropriate levels of staff support as required for the work of TRSA.
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Initiative 2 Data Management

Initiative 2a. Assemble & Activate Data Team		Design Principle: Ensure an evidence- based approach with measurable and sustainable results; Involve committed STEM stakeholders	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)
Design, designate and activate the TRSA Data Management Team	Functioning Data Team with specified tasks/goals and members that are vetted by the TRSA Council and the Design Studio Team	Well defined goals of the Data team to include; 1) Type of data to be collected and disseminated 2) standardized format for reporting data 3) protocols for future data collection	TRSA to become recognized as a thought leader in applying data analysis to STEM programs and to create models for STEM data collection, standardization of reporting and dissemination to build the prototype for best practices in STEM data management. Promote and ensure
Initiative 2b. Assemble Comprehensive Asset Map		Design Principles: Engage partnerships to accelerate capacity and broaden opportunity; Value and promote a STEM culture and a single community of practice from parents to educators to corporate leaders; Ensure an evidence based approach with measurable and sustainable results; Deliver an Alliance that connects and leverages existing assets and develops new capacity to innovate, scale and sustain effective STEM teaching and learning and career pathways resulting in an innovative workforce	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)

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<p>Aggregate comprehensive list of STEM Assets in the region and begin to build the master database for TRSA</p>	<p>Smartsheets Collaborative Space aggregating all regional STEM Assets.</p>	<p>A comprehensive data source easily accessed by TRSA members for use in allocating resources, identifying gaps and reporting results for TRSA grant applications and other funding</p>		<p>Constantly updated, living database that accurately captures all assets in the region and makes information available in real time to stakeholders in</p>
<p>Initiative 2c.. Standardized Collecting/Reporting Formats</p>		<p>Design Principles: Ensure an evidence- based approach with measurable and sustainable results</p>		
<p>ACTIVITY (Input)</p>	<p>Outputs</p>	<p>Short Term Outcomes (within 1 year)</p>	<p>Long Term Outcomes (1/3 years)</p>	
<p>Data Team to collaborate on best standardized format for use in collecting and analyzing data across all sectors including 1) assets 2) impact 3) effectiveness 4) alignment to Design Principles</p>	<p>Standardized reporting structures</p>	<p>Data to be delivered in standardized template format</p>	<p>True mass standardization of all data points in TRSA STEM programs</p>	
<p>Initiative 3 Communications</p>				
<p>Initiative 3a. Assemble Communication Team & Develop Comprehensive Communication Plan</p>		<p>Design Principles: Value and promote a STEM culture and a single community of practice from parents to educators to corporate leaders; Deliver an Alliance that connects and leverages existing assets and develops new capacity to innovate, scale and sustain effective STEM teaching and learning and career pathways resulting in an innovative workforce; Involve committed STEM stakeholders</p>		
<p>ACTIVITY (Input)</p>	<p>Outputs</p>	<p>Short Term Outcomes (within 1 year)</p>	<p>Long Term Outcomes (1/3 years)</p>	

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Poll TRSA Members to Compose the TRSA Communication Team and schedule regular team meetings, calls and other means of communication determined of value	Defined list of goals and tasks of the Communication Team and an action plan to activate tasks including increasing TRSA member base.	Functioning Communication Team with quantifiable results including increasing awareness in the Tulsa community of the TRSA.	Well organized communication team with effective organizational and tactical structures and measurable accomplishments. TRSA has a well regarded "brand" in the community and TRSA members are sought after be the media as "expert" in the field.
Initiative 3b. Internal Updates on Overall Progress		Design Principles: NA	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)
Core current team to maintain current communication updates to keep momentum of Design Studios.	Periodic (weekly/bi weekly?) update emails to Design Team and TRSA members	Automated system of weekly or bi/weekly updates of TRSA progress which in aggregate will provide a snapshot of the inaugural year of the TRSA by Q4 2014	Periodic Reporting that in aggregate over time will provide a snapshot and narrative review of the work and progress of the TRSA.
Initiative3c. Cultivate a media presence		Design Principles: Value and promote a STEM culture and a single community of practice from parents to educators to corporate leaders	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)
Engage local media institutions and high profile members of the local media to join and observe the work of the TRSA to increase awareness and understanding.	Identify appropriate contacts and media companies. Create and execute an engagement plan.	Working relationship with local media (both print and broadcast), increased awareness of TRSA and positive media mentions of TRSA.	Well organized communication team with effective organizational and tactical structures and measurable accomplishments. TRSA has a well regarded "brand" in the community and TRSA members are sought after be the media as "expert" in the field.

Initiative 3d. Cultivate an OK STEM and STEM State of Mind Strategy to respond to the state level goals		Design Principles : Value and promote a STEM culture and a single community of practice from parents to educators to corporate leaders	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)
Identify and collaborate with state initiatives to engage interest in STEM, especially for middle school students –(i.e.. Supercomputer tours)	A STEM State strategy and plan to engage and respond to the STEM state of mind.	Strong working relationship with state level STEM advocates and officials.	Mutually beneficial relationships around STEM with statewide agencies and a track record of responding to the challenges set forth by the Governor.
Initiative 3e. Establish regular communication forum with Tulsa area “Superintendents monthly meetings”		Design Principles : Involve committed STEM stakeholders; Value and promote a STEM culture and a single community of practice from parents to educators to corporate leaders	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)
Establish a convenient means of communicating regularly with this already established group.	Scheduled recurring opportunities to meet with Superintendents and share the work of TRSA	Establish close collaborative working relationships with Superintendents	Mutually beneficial relationships around STEM with area superintendents and act as advocate for districts to the state capital.
Initiative 4 Sustainability/Advancement			
Initiative 4a. Assemble Development Team and Draft Sustainability Plan		Design Principles: All Design Principles Apply Here	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)
OII Senior Advisor to the TRSA on Strategic Initiatives, Sustainability and Advancement will poll TRSA Members to compose the TRSA Development and Sustainability Team and schedule regular team meetings.	Draft TRSA Sustainability Plan including setting specific fund raising goals /establishing protocols and process for reviewing/vetting/ and pursuing funding.	Report on Sustainability Plan, goals set and achievements made; potential creation of a “Case Statement” for the TRSA and its partners	A thriving financially sound enterprise that is able to fulfill its mission and meet the demands of the Design Principles.



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Initiative 4b. Establish the Grant Response Team		Design Principles: Value and promote a STEM culture and a single community of practice from parents to educators to corporate leaders	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)
Create a Grant Response Team modeled after the work on the US2020 Grant application	Succinct process for identifying, vetting and responding to grant opportunities and based on the design studio methodology	Score-card style report of grants attempted, received and in progress and tracking of accrued financial impact (the "but for TRSA this would not have happened.")	A decided set of metrics that enable concrete measurements of economic and programmatic impact of TRSA.
Initiative 4c. Activate the US202 Grant Implementation Team		Design Principles: Value and promote a STEM culture and a single community of practice from parents to educators to corporate leaders	
ACTIVITY (Input)	Outputs	Short Term Outcomes (within 1 year)	Long Term Outcomes (1/3 years)
US2020 preparation.	Draft an execution plan for US2020 including a mentoring program focused on under represented population with a focus on women.	Secure the US202 Grant for Tulsa and begin implementation of program plan.	Create policies and protocols to allow easy capture and reporting of milestones as required by the Grant.