

BURNS  MCDONNELL.



**BATTLE OF
THE BRAINS**

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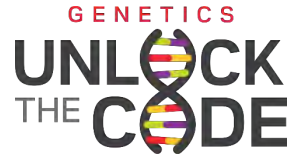


BURNS  MCDONNELL



BURNS MCDONNELL SM

FOUNDATION





SCIENCE CITY®

POWERED BY

BURNS & MCDONNELL.



IMPACT

\$8M
INVESTMENT

120%
ATTENDANCE
INCREASE

6
NEW EXHIBITS
BY STUDENTS



IMPACT

BURNS  MCDONNELL



25,000
STUDENTS

\$770K
GRANTS TO
SCHOOLS

3,200+
BIG IDEAS
BY STUDENTS

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ELIGIBILITY



RFP

**PROJECT-BASED
LEARNING/
DESIGN THINKING**

**PROPOSAL
UPLOAD**

MENTORS

**JUDGING/
PUBLIC VOTE**

**GRAND
OPENING**

**IN-KIND DESIGN
& CONSTRUCTION**

**AWARDS
CEREMONY**

Inspire the
next generation of
STEM
professionals



DELIVERABLES

PDF
4 PAGES

VIDEO
2 MIN. COMMERCIAL

RUBRIC RUNDOWN

**INTERACTIVE
EXHIBIT
ENGAGEMENT**

**CREATIVITY &
INSPIRATION**

CONSTRUCTABILITY

RELEVANCY

Materials Needed & Estimated Cost:

Rubber material	\$5000	Foam pit	\$2,500
Big round speakers	\$299	Baobab tree small leaf 12'	19,000
wire	\$400	Benches x5	1,500
Led light strip x10	\$100	Virtual reality headset x25	15,000
Tempered glass 36 x74	\$1,000	Various Building Supplies	20,000
Water fountain x10	\$4000	Various Electrical and Coding Materials	20,000
playground	\$500	Total Budget	\$113,930

Cost Analysis

Part	Price	Unit	QTY	Total	Part	Price	Unit	QTY	Total
Football					Hockey				
Foam Sleds	245	each	4	980	Blowers	13,965	each	2	27930
Force Plates	6000	each	4	24000	Floor	800	ft	3	2400
Tubes	290.1	peice	12	3481.2	Billiards				
Air Compressors	3,236.37	each	2	6472.74	table	1000	each	1	1000
Valves	3,480.00	each	4	13920	pinball style mod	1000		1	1000
Baseball					laser	29	each	1	29
Polycarbonate Wal	381	48x72 sheet	18	6858	mirrors	15	ft2	10	150
Wall Framing	4000		1	4000	Misc.				
Launchers	2995	each	2	5990	Basketballs	15	each	9	135
Controls	985	each	1	985	Baseballs	5	each	200	1000
Return System	7.62	ft	300	2286	Hockey Pucks	5	each	10	50
Basketball					Footballis	15	each	4	60
Hoop	280	each	2	560	Scoreboard	3000	each	1	3000
Projector	2000	each	1	2000	sensors		each	12	0
Kinect	100	each	1	100	Grass	20	ft2	864	17280
Projector Screen	170	each	1	170	Track		ft2	861	50,000
					Hardwood	3	ft2	367	1101
					Posters	2.5	ft2	1700	4250
									181187.94

RUBRIC RUNDOWN

**INTERACTIVE
EXHIBIT
ENGAGEMENT**

**CREATIVITY &
INSPIRATION**

CONSTRUCTABILITY

RELEVANCY

PROPOSAL POINTERS

- Visuals **INCLUDED** in 4-page max.
- Don't identify your school*
- No hyperlinks
- Pro tip: address rubric sections **IN ORDER**

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COMPETITION SCHEDULE

Aug. 5-Sep. 1

Battle Plan Teacher Info
Sessions

Sep. 17

Sign Up Deadline

Nov. 2

Proposal Upload Deadline

Nov. 9

Battle Bash*

JUDGING & AWARDS SCHEDULE

Nov. 3-Dec. 1	Round 1 & 2 Judging
Dec. 2	Finalists Announced
Dec. 6-17	Public Voting
Jan. 19	Awards Ceremony

SCHOOL GRANTS

\$50,000
GRAND PRIZE

\$25,000
GRANT

\$20,000
GRANT

\$15,000
GRANT

\$10,000
GRANT

\$2,500
15 GRANTS

MENTORS

- Burns & McDonnell employee
- Competition resource
- STEM careers connector

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