

Town of Underhill

ARPA Funds Use Proposal – PHASE 1

Committee/Group/Individual Requesting Funding: BRMS BRAG

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Date: November 14, 2022

Proposal Name/Brief Description:

Proposal for the Installation of a
9-Hole Disc Golf Course at
Browns River Middle School

Estimated Cost/Description of Estimate Process (use the space here and attach additional pages and any supporting documents):

Estimated Cost of 9-Hole Disc Golf Course = \$7375

See attached documentation for a Description of Estimate Process.

Town of Underhill

ARPA Funds Use Proposal – PHASE 1

Please Answer the following questions by marking the answer in the space provided.

Benefit to Town of Underhill

Does this proposal

YES NO Not Sure

Invest in the town without creating a need for additional or ongoing revenue or expenses? Is this a one-time expense?	X		
Benefit a population that was disproportionately impacted by the pandemic?	X		
Benefit a population underserved prior to the pandemic?	X		
Mitigate and/or help the Town adapt to the effects of climate change?	X		
Improve or create infrastructure for Underhill? Ex. Natural resources, pedestrian access, transportation but not limited to	X		
Align with or impact the goals and priorities of the Town Plan? LINK	X		

Comments:

Feasibility of Project

Can this proposal

YES NO Not Sure

Be fully planned, estimated and obligated to the Town by December 31, 2024?	X		
Be fully completed and paid for by the end of 2026?	X		
Be used to leverage or match other grants, funds or projects?		X	

Please attach estimates, quotes, drawings, or supporting documents or elaborate in any way you would like. Please note that the ARPA Advisory Committee only recommends projects to the Selectboard and the Selectboard has the ultimate authority to allocate the funds. [17 V.S.A. § 2664](#)

Links and More Information:

Final Rule – Overview at <https://home.treasury.gov/system/files/136/SLFRF-Final-Rule-Overview.pdf>

Final Rule – FAQ's at <https://home.treasury.gov/system/files/136/SLFRF-Final-Rule-FAQ.pdf>

Specific Information for Town of Underhill at https://www.underhillvt.gov/vertical/sites/%7B4E962BB9-B4BB-4504-A3EE-ED54521A1BCE%7D/uploads/Coronavirus_Local_Fiscal_Recovery_Fund_Overview_Presentation_06092022.pdf



Proposal for the Installation of a 9-Hole Disc Golf Course at Browns River Middle School

Presented by BRMS BRAG

Disc Golf At Browns River Middle School

The Browns River Middle School Parent Teacher Organization (BRMS BRAG), in conjunction with Browns River Middle School, is proposing the installation of a 9-hole Disc Golf Course on the Browns River Middle School campus.





Why Disc Golf at Browns River Middle School?

According to UDisc, there are now more than 9000 disc golf courses in the United States. This is the most courses for any one country, nearly all installed by city and county parks departments. They have found that there are few recreational activities that offer the high benefit-to-cost ratio of disc golf. Disc golf has relatively low capital and maintenance costs compared with other recreational installations, is environmentally sound, is played year-round in all climates, and is enjoyed immediately even by beginners of all ages.

Proposed Location of Disc Golf Course at Browns River Middle School

The 9-hole course will begin at the front of BRMS, wrap around the back of the building, around the athletic fields, and finish behind the preschool / library area. With a 9th hole finishing in this area, this opens up the opportunity to add an additional 9 holes through Mills Riverside Park if this is something the JU Park District is ever interested in.





What Is Disc Golf?

Disc golf is played much like traditional golf. Instead of hitting a ball into a hole, you throw a more streamlined looking Frisbee® disc into a supported metal basket. The goal is the same: to complete the course in the fewest number of shots. A golf disc is thrown from a tee area to each basket, which is the "hole." As players progress down the fairway, they must make each consecutive shot from the spot where the previous throw has landed. The trees, shrubs, and terrain changes in and around the fairways provide challenging obstacles for the golfer. Finally, the "putt" lands in the basket and the hole is completed.

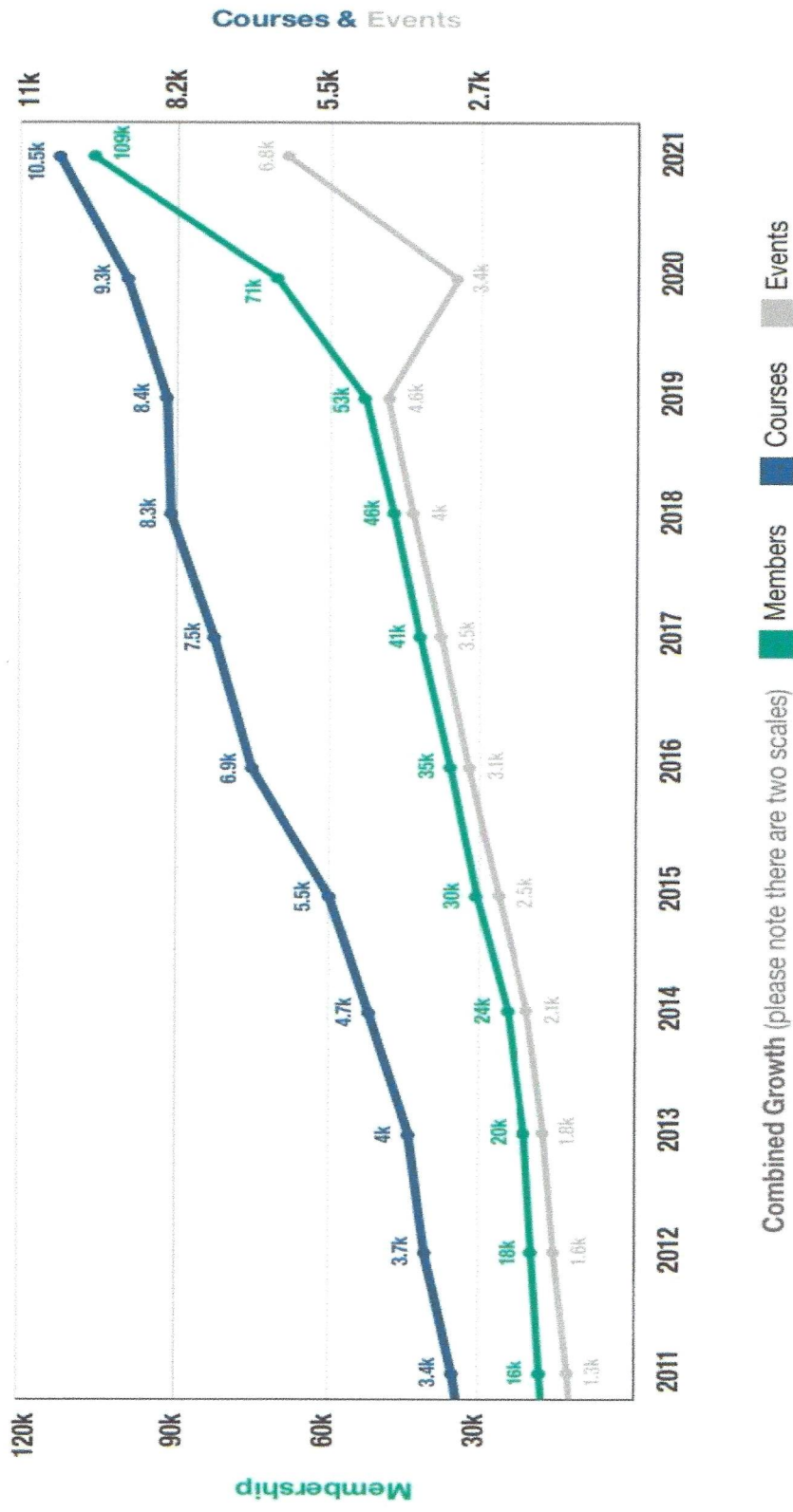


Who Can Play?

The simple answer is that everyone can. A disc golf course serves a broader portion of the community than many narrower interest activities with higher cost, skill, or fitness levels required to even begin to play. All people, young and old, families with small children -- all can play disc golf. Because disc golf is so easy to understand and enjoy, no one is excluded. Players merely match their pace to their capabilities and proceed from there.

Professional Disc Golf Association (PDGA)

2021 United States Growth Report



Professional Disc Golf Association (PDGA)

2021 Year End Demographics Report

Change in Membership by Age Range			
Age	2021	2020	% Change
0 - 4	670	366	83.06%
5 - 9	604	316	91.14%
10 - 14	2,034	1,184	71.79%
15 - 19	4,609	2,711	70.01%
20 - 24	10,836	6,469	67.51%
25 - 29	18,929	12,113	56.27%
30 - 34	22,498	14,347	56.81%
35 - 39	16,135	10,649	51.52%
40 - 44	11,880	7,802	52.27%
45 - 49	7,812	5,322	46.79%
50 - 54	5,682	3,870	46.82%
55 - 59	4,088	2,981	37.14%
60 - 64	2,436	1,766	37.94%
65 - 69	1,153	783	47.25%
70 - 74	376	268	40.30%
75 - 79	89	51	74.51%
80+	31	18	72.22%
Total Growth:	109,862	71,016	54.70%

Members	2021	2020	% Change
Active Members	109,862	71,016	54.70%
New Members (Latest #201,167)	44,420	26,632	66.79%
Renewing Members	65,442	44,384	47.45%
Junior Aged Members	6,716	3,871	73.50%

Classification	2021	2020	% Change
Professionals	15,992	12,024	33.00%
Amateurs	93,870	58,992	59.12%

Of note, the most significant growth rates in membership by age are occurring in the youngest age brackets.



How Much Does It Cost To Play?

Many courses are located in a town or regional park where citizens play free. Most private and several public facilities will charge up to \$5 per day to play or earn passive income from annual passes and/or fees to enter the park. The equipment itself is quite inexpensive – discs designed for golf sell for \$8 - \$15 each and only one is needed to get started.



What Construction Would Be Planned for Browns River Middle School?

The installation of a 9-hole disc golf course at Browns River Middle School will include the construction of tees boxes and the installation of signs and baskets. No foliage will need to be planted or removed. A few branches usually need to be trimmed or removed near a few tees and baskets, especially near eye level range.

Tee Pad Installation

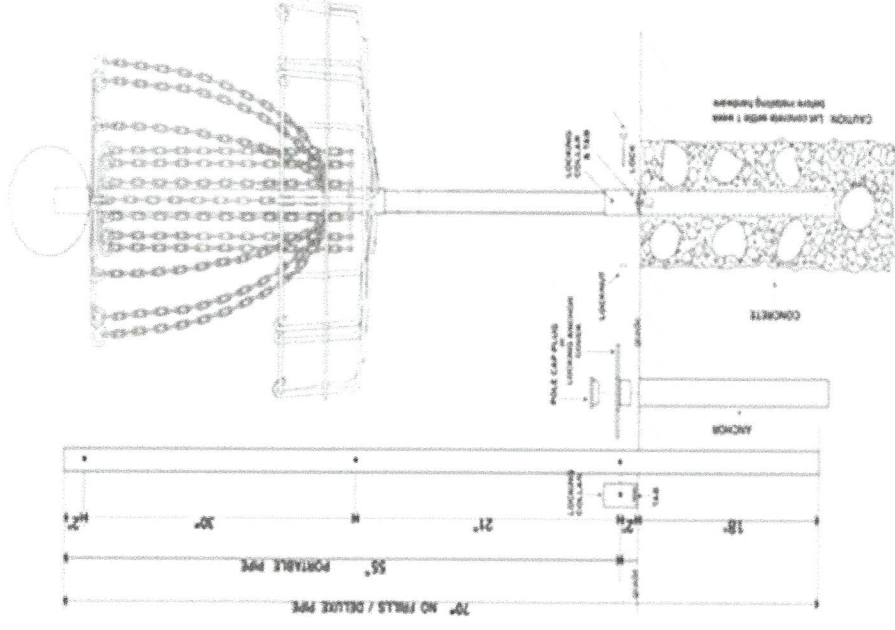
Each hole will have one tee pad. The 12mm thick non-slip rubber tee pad will be positioned over compacted decomposed granite.

Nine (9) tees will be required.



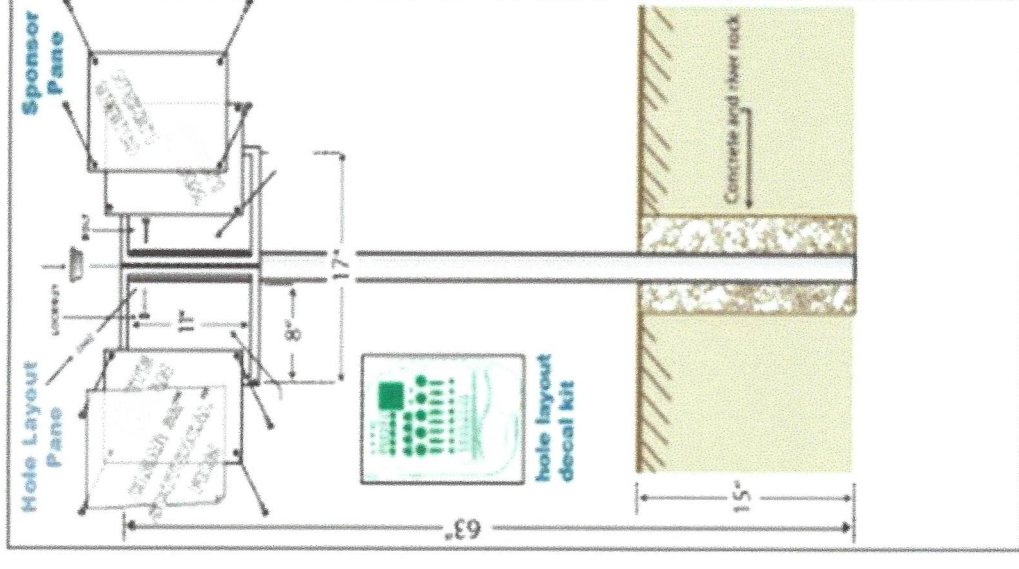
Basket Installation

Each hole will have a basket assembly mounted on a pipe that slides inside an anchor pipe that gets cemented into a hole measuring approximately 8" in diameter and 18-24" deep. The basket pipe and anchor pipe each have collar tabs that line up and are securely locked with a padlock.



Tee Sign Installation

Tee signs are very important to help first time users find their way through the course. Each hole will have a sign indicating the number, length, recommended flight path and par. In addition, a rules sign, course map and information board will be installed before the first hole.





What Maintenance Is Required For a Disc Golf Course?

After installation, the maintenance needs for a disc golf course are primarily grass mowing. Unlike weekly mowing usually required for ball fields, mowing for disc golf can be stretched to three to four times a year (depending on rainfall). And even then, only the fairways need attention.

The baskets are made of welded steel anchored in concrete and need no regular maintenance.

Browns River Middle School will maintain this 9-hole disc golf course.



How Much Land Is Needed?

A 9-hole course will cover approximately 10 - 12 acres, depending on design. The rough rule of thumb for total space needed is about one acre per hole.

Browns River Middle School (17.6 acres) combined with the MMUUSD District Office / Underhill ID Preschool (15.7 acres) offer over 33 acres.

A disc golf course need not be an exclusive use area – it can co-exist amicably with other active and passive recreation uses such as athletics, hiking, etc.



How Does the Project Benefit the Underhill Community?

All BRMS students will benefit using a disc golf course during physical education classes and recess throughout the school year. The course will offer a new after-school club opportunity. Each student was given a disc this fall during the Discraft's Green Mountain Championship at Smugglers' Notch.

A disc golf course will be an amazing addition for the community and surrounding towns. The course will be available to the public when students are not in class.

A well maintained course will increase and enhance recreational opportunities and conservation goals.



Recreational Opportunities

- A disc golf course will provide an inexpensive form of recreation for people of all ages and skill levels and be a great addition to the recreational facilities at Browns River Middle School.
- The installation of a disc golf course will provide an important recreational resource for the school as well as for the community.
- A disc golf course will give youth a healthy and challenging outlet for their energies and will allow players to organize clinics and youth leagues.
- For the growing number of disc golfers, the presence of a 9-hole disc golf course at BRMS would obviate the need to travel to play and will give them a base from which to further promote the sport.



Conservation Goals

- Disc golf is an environment-friendly sport. Unlike traditional golf, a disc golf course does not require trees to be removed, grass mowed and watered daily, plants uprooted or non-native species planted.
- The impact of a disc golf course on the surrounding area is minimal. Not one area gets constant foot traffic.
- In addition, disc golfers overall tend to take great pride in where they play, helping reduce potential litter on the course. In the long-term, a disc golf course will help in the preservation of the school grounds by giving young people a stake in its preservation and protection.



Project Timeline

- Land area found -> secured permission
- Funding options -> secure budget
- Design course map and hole signs -> order course equipment
- Receive course equipment -> install course equipment
- Course -> ready for student / community use *

* Once funding is obtained, the 9-hole disc golf course will be set-up in less than 12 weeks (depending on ground thaw).

Cost Estimate

Of note, labor costs are not included in this cost estimate. BRMS staff and BRMS BRAG volunteers will assemble the 9-hole disc golf course.

Cost Estimate for 9-Hole Disc Golf Course at Browns River Middle School

Course Hardware	Cost	Comments
DISCatcher Pro 28 (9 baskets)	\$ 3,825.00	Innova Disc Golf
Freight	\$ 550.00	20 Year Warranty
Tee Markers (9)	\$ 270.00	
Tee Signs (9)	\$ 450.00	
Rules Sign (1)	\$ 50.00	
Total for Course Hardware	\$ 5,145.00	
Cost / Hole	\$ 571.67	
Tee Pads		
Pre Cut Tee Pads (9)	\$ 972.00	Morley Athletics
Shipping Cost (28%)	\$ 272.00	4' x 12' - 12mm
Total for Tee Pads	\$ 1,244.00	Each Pad Weighs 100lb
Cost / Hole	\$ 138.22	Heavy Play Durability
Installation Materials		
1 ton decomposed granite per tee pad (9)	\$ 495.00	\$55/ton
delivery charge for up to 10 tons	\$ 200.00	
concrete - 1 bag per basket (9)	\$ 81.00	\$9.00 / 80lb bag
concrete - 1 bag per sign (10)	\$ 90.00	\$9.00 / 80lb bag
4x4x8 wooden sign posts (10)	\$ 120.00	\$12.00 / post
Total for Installation Materials	\$ 986.00	
Cost / Hole	\$ 109.56	
Cost Estimate Totals		
Course Hardware	\$ 5,145.00	
Tee Pads	\$ 1,244.00	
Installation Materials	\$ 986.00	
Total Course Cost	\$ 7,375.00	
Total Cost / Hole	\$ 819.44	

Target Quote (9 Baskets)



Innova Disc Golf
2850 Commerce Dr.
Rock Hill, SC 29730
800-476-3968

Plan • Design • Build • Play

Target Quote

PREPARED FOR

Browns River Middle School

PREPARED DATE
10-12-2022
EXP. DATE
11-12-2022

ITEM	QTY	PRICE	TOTAL
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DISCatcher Pro 28	9	\$400	\$3600
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Sales Tax			\$
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Freight			\$550
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Total: \$4150

*Freight rates are subject to change due to market fluctuations and fuel prices

Additional course equipment options to consider

- Additional installation sleeves \$40 per sleeve
- Flag sets for target tops \$30 per flag
- Basic tee signs \$50 per sign
- Tee marker set \$30 per set
- Course design services Ask for price!

Please feel free to give me a call toll free at 800-476-3968 if you have any questions.

Take care,

Josh Day
Innova Disc Golf

DISCatcher® Pro 28	Price
1 DC PRO 28	\$525
9 DC PRO 28S	\$3825
18 DC PRO 28S	\$7650
ADDITIONAL SLEEVES	\$40



Information about BRMS BRAG

The Browns River Middle School Parent Group, known as BRMS BRAG, formed a non-profit corporation in 2021. Prior to 2021, BRAG had been operating through the Mount Mansfield Unified Union School District. Our mission is to:

- Support a strong, positive, equity-centered school community where all are heard and respected.
- Promote service, volunteerism, and unity throughout the school community.
- Assist in efforts to solve school needs through volunteering and fundraising.
- Enhance and maximize the education of every student by supporting programs not offered in the regular curriculum.



Thank You for Your Consideration

BRMS & BRMS BRAG thanks you for your consideration of this proposal to install a 9-Hole Disc Golf Course at Browns River Middle School.

If any additional information is needed or you have questions concerning this proposal, please feel free to contact BRMS BRAG at brmsbrag@mmuusd.org.

This proposal is respectfully submitted by Underhill Resident:

Lisa Abair

BRMS BRAG President

802.999.0906