Psyche Crosswords

Addison Rizer

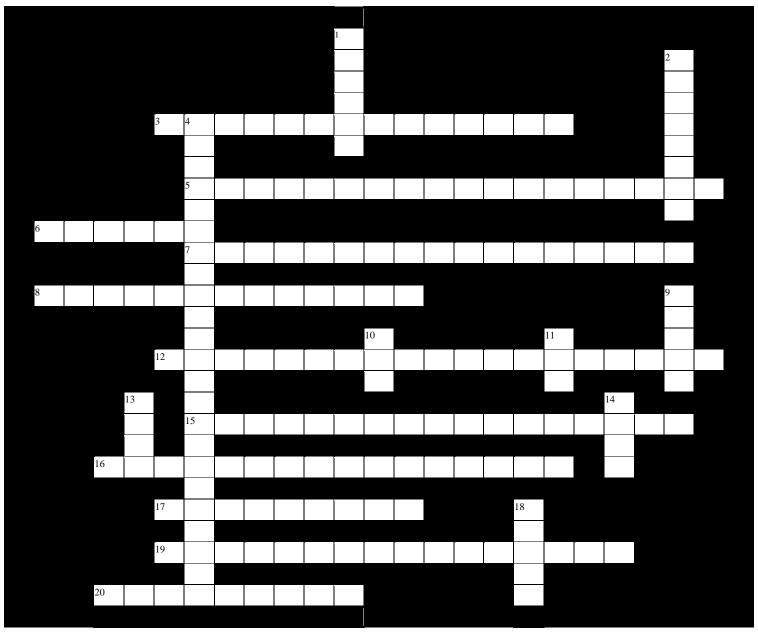
Psyche Inspired – Iron Class

2018-2019

Functional Crosswords

Print Them Out and Find the Answers on Psyche.Asu.Edu

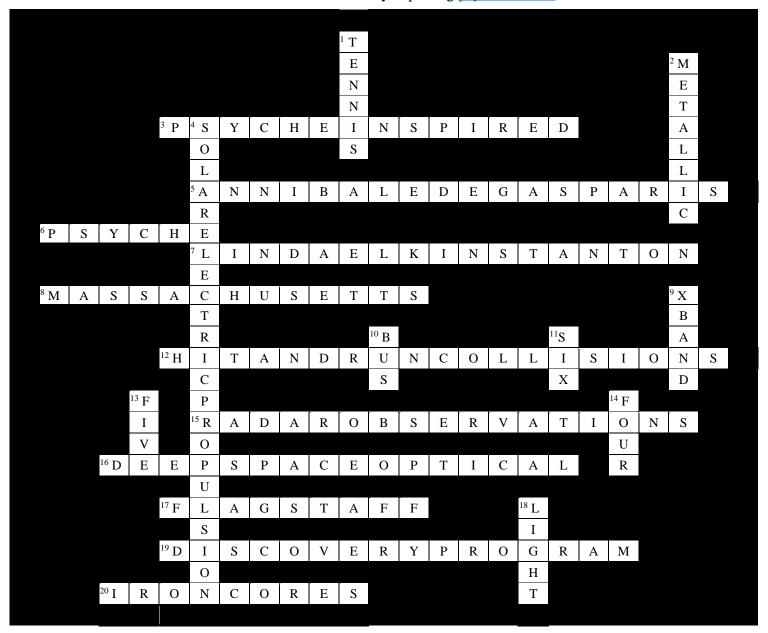
Psyche Crossword All answers can be found by exploring psyche.asu.edu!



	Across		Down
3	program in which undergraduate students share Psyche with the public through creative works	1 2	Psyche spacecraft is the size of this sports court the core of Psyche is thought to be this
5	discoverer of Psyche	4	Psyche spacecraft will use this to travel to the asteroid
6	Goddess of the Soul	9	type of radio science used by Psyche
7	Psyche's Principal Investigator	10	other name for the body of the spacecraft
8	Psyche's diameter as a perfect sphere is as long as this state	11	number of phases of typical space mission
12	Psyche likely survived a few of these	13	one year on Psyche lasts this many Earth years
15	used to determine Psyche's composition along with thermal inertia	14 18	number of orbits the spacecraft will make around Psyche Using instead of radio allows the spacecraft to
16	a sophisticated new laser technology		communicate more data in a given amount of time.
17	If Psyche were in Arizona, it would stretch between Phoenix and this city.		
19	Psyche was selected for this NASA program		
20	understand a previously unexplored building block of planet formation:		

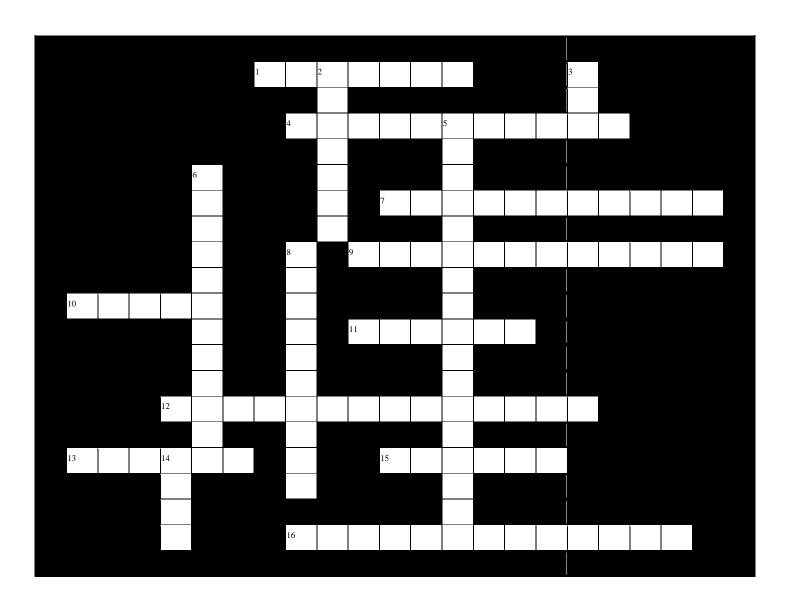
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	A		D
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Across	Down
Arranged in a cross formation on the Psyche spacecraft One of the mission's science goals is to look inside planets Designed to detect and measure the remnant magnetic field of Psyche The type of propellant the Psyche spacecraft will use The orbit around Psyche for topography The body of the spacecraft is as tall as one of these The season the Psyche spacecraft is set to launch in 2022 The part of Psyche stripped away by violent impacts The Psyche spacecraft will carry a imager	 The Deep Space Optical Communication technology will encode data in to communicate between the spacecraft and Earth This on Psyche takes four hours and twelve minutes Psyche follows an orbit at three of these The university leading the Psyche mission Psyche is the mission selected for NASA's Discovery Program The Psyche spacecraft will fly by this planet in 2023

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4 7 9 10 11 12 13 15	Psyche lies between Mars and Arranged in a cross formation on the Psyche spacecraft One of the mission's science goals is to look inside planets Designed to detect and measure the remnant magnetic field of Psyche The type of propellant the Psyche spacecraft will use The orbit around Psyche for topography The body of the spacecraft is as tall as one of these The season the Psyche spacecraft is set to launch in 2022 The part of Psyche stripped away by violent impacts The Psyche spacecraft will carry a imager	2 3 5 6 8 14	The Deep Space Optical Communication technology will encode data in to communicate between the spacecraft and Earth This on Psyche takes four hours and twelve minutes Psyche follows an orbit at three of these The university leading the Psyche mission Psyche is the mission selected for NASA's Discovery Program The Psyche spacecraft will fly by this planet in 2023

Crossword Poems

A Series of Crossword Poems Inspired by Psyche

(16) Psyche

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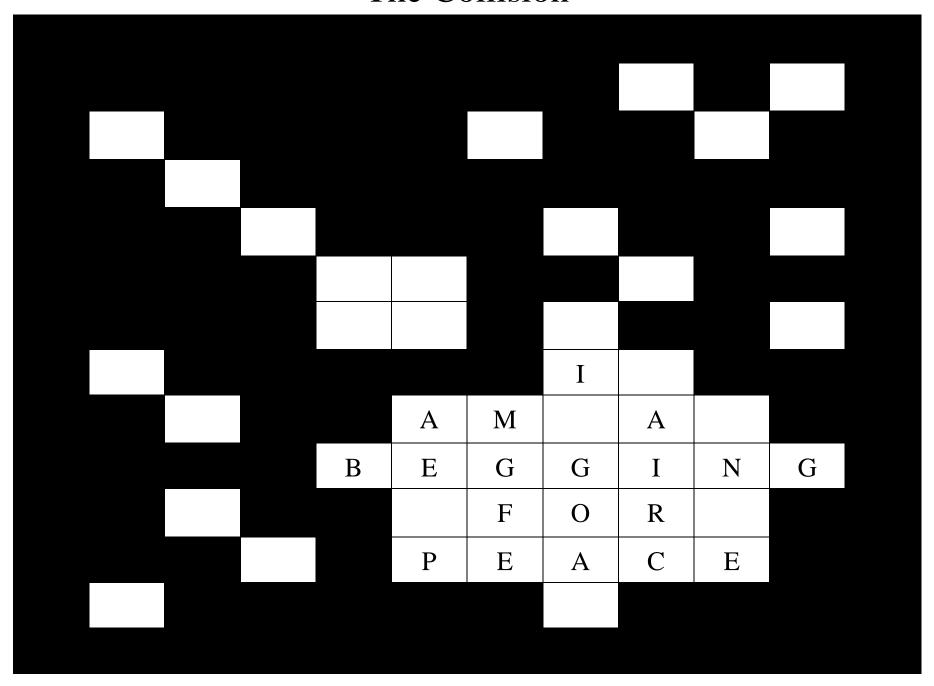
[The Psyche asteroid, named after the Goddess of Soul by discovered Annibale de Gasparis. This was the sixteenth asteroid discovered by de Gasparis which is why it's often titled (16) Psyche.]

The Orbiting

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[The Psyche spacecraft will orbit the asteroid four times, each orbit with the goal to gather information about Psyche and how it might reflect the characteristics of the core of Earth and the development of terrestrial planets.]

The Collision



[The asteroid Psyche is thought to have experienced a few hit-and-run collisions, stripping the mantle from the protoplanet and leaving behind only the metallic core.]

X-Band Radio

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						Н	Е	A	R	D
									В	Y
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[The Psyche mission will utilize x-band radio telecommunication systems to measure Psyche's gravity field, which, combined with topography images, will provide information to the interior of Psyche's structure.]