

# Website Name

Monodihedral Polyhedron Catalogue

## Topic

In my own time, I have been researching and discovering new examples of a class of shape that has only one angle between any two faces sharing an edge. This website will share my discoveries and what makes them special, and will credit other contributors to the discovery of more shapes with this property. Visitors will be able to view the shapes and learn about their attributes. If someone has discovered a new shape or knows about an example I have missed, they can submit evidence to be added to the catalogue. The shapes may be categorized and sorted by individual variables.

## Page Names

- Home
- Monodihedral List
- Relevance
- Credit
- Submission

## Data

The majority of the data stored will belong to each shape listed on the site. This will include the name, dihedral angle, number of faces, number of vertices, symmetry group, the name of the first known person to describe it, and either an image or ideally a 3d model of it. Alongside discrete examples, there are some infinite families of shapes, which will share one spot and only one or a small few of which will be shown. Additionally, submissions will be kept in a database that normal users cannot see.