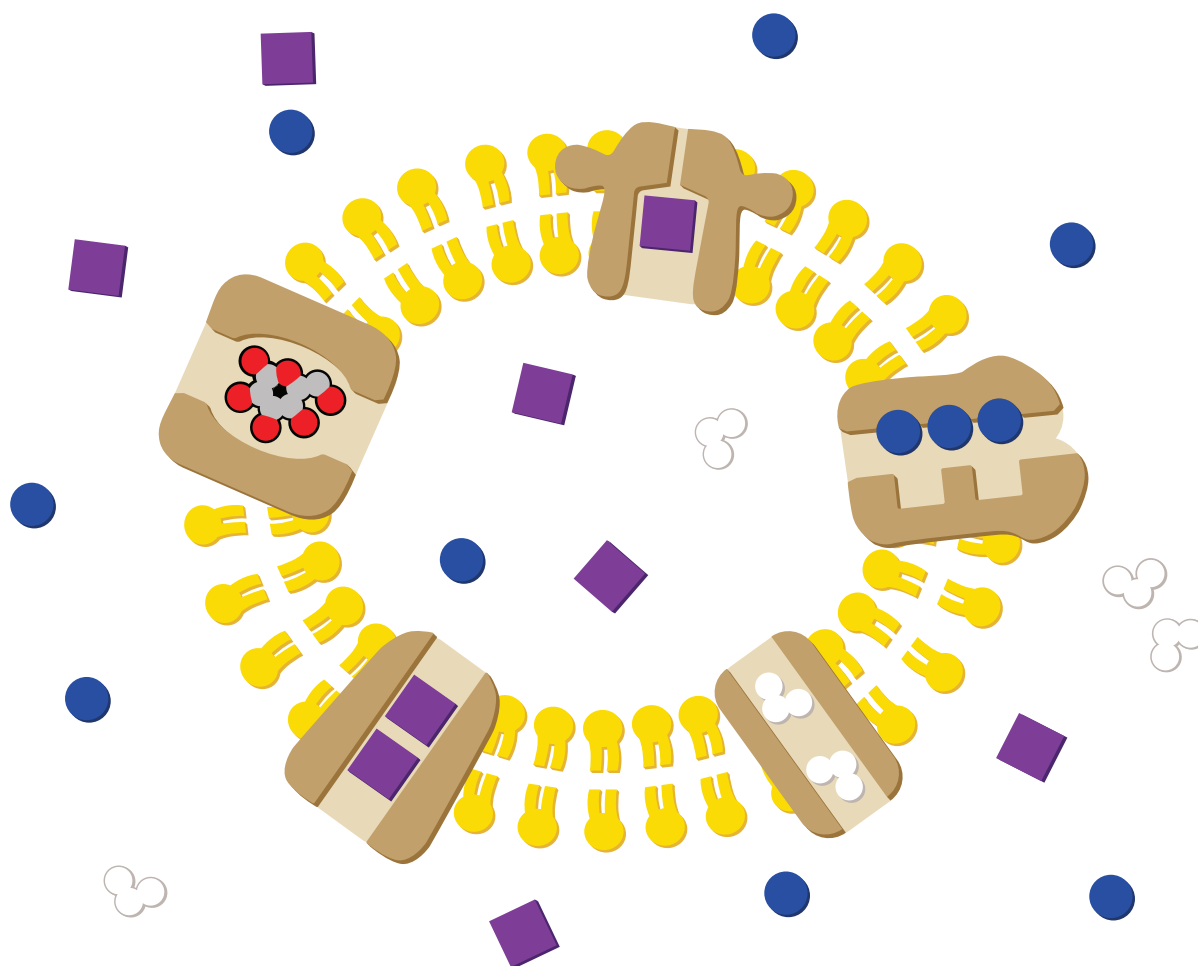


Membrane Student Modeling Pack



**3-D Molecular
Designs**
...where molecules become real™

CAUTION:

This is a science education product, not a toy. It is not intended for children under 8 years old.

WARNING:

CHOKING HAZARD - This product contains small parts and should be kept out of the reach of children under the age of 3, because the parts or their pieces may present a choking hazard to small children.

Tracking Number:
MSMP2020

Production Date:

Membrane Student Modeling Pack

Contents

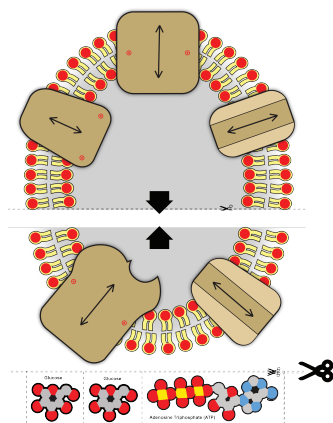
- 30** Yellow Phospholipids
- 10** White Water Molecules
- 10** Blue Sodium Ions
- 10** Purple Potassium Ions
- 2** Sheets of Printed Membranes with Channels and Small Molecules
- 6** Metal Brad Fasteners
- 5** Pairs of tan foam channel sides

Materials Needed

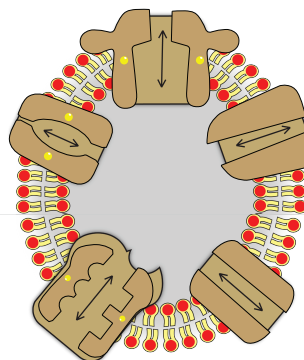
- Scissors
- 
- Ballpoint Pen
- 

Assembly Instructions

- 1** Punch foam parts out of the sheets.
- 2** Cut paper along dotted lines and join the pages with tape or glue to create a cell membrane.
- 3** Push the Brad Fasteners through the holes in the tan foam and through the holes on the matching membrane printed parts. Use a ballpoint pen to punch a small hole in the paper if you have trouble. Fold back the prongs allowing the foam to rotate freely.



- 4** Glue or tape the remaining tan foam parts in place.



Completed cell
membrane

Digital Resources

Digital activities, printable extensions and teacher-submitted activities available online! See the Student Handouts, Teacher Notes and additional resources for the Phospholipid & Membrane Transport Kit.

3dmoleculardesigns.com/Teacher-Resources/Membrane-Student-Modeling-Pack.htm

