ORHS 2016 Biology CELL TRANSPORT VOCABULARY

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DOC #: V-3

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| --- | --- | --- | --- |
| Active Transport (89) | Passive Transport (85) | Selectively Permeable (83) | Fluid Mosaic (82) |
|  |  | **Word Part:**  Semi- \_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| http://www.biology4kids.com/files/art/cell2_active1_240x180.png |  | http://www.synthesisips.net/wp-content/uploads/2013/08/semipermeable1.jpgAKA… Semi- Permeable | AKA… Plasma Membrane  [http://www.hobart.k12.in.us/jkousen/Biology/membrane.jpg](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCNjGh6_risgCFcWPDQodDEsNxg&url=http://www.hobart.k12.in.us/jkousen/Biology/cell.htm&bvm=bv.103073922,d.aWw&psig=AFQjCNE8o8uxrOWL3F9R_xFiglm_ovaeJw&ust=1443017964147571) |
| Homeostasis (11) | Diffusion (85) | Facilitated Diffusion (87) | Concentration Gradient (85) |
| **Word Part:**  homo- means *same, alike* |  |  |  |
| http://brainu.org/files/scales.jpg | [https://upload.wikimedia.org/wikipedia/commons/thumb/1/12/Diffusion.svg/2000px-Diffusion.svg.png](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCOOQtpXKisgCFU9-kgoda_UETw&url=https://en.wikipedia.org/wiki/Diffusion&psig=AFQjCNHvo5dbBMlQeqYCT74-gLwMW8sbkA&ust=1443009109706007) | [http://i.ytimg.com/vi/oFZZncLteXc/maxresdefault.jpg](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCNGbt87KisgCFQUOkgod1PACTw&url=http://www.youtube.com/watch?v%3DoFZZncLteXc&bvm=bv.103073922,d.aWw&psig=AFQjCNGF2EESIcKqF2bu_7Jb-PHj4Dn9-A&ust=1443009258303879) | [http://www.blobs.org/science/chemistry/concgradient.gif](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCLDizantisgCFYSYgAodNQoA-g&url=http://www.blobs.org/science/article.php?article%3D20&bvm=bv.103073922,d.aWw&psig=AFQjCNHA7tIfMoRUedq12YQ8Yp0gSkTqzw&ust=1443018587706719) |
| Osmosis (86) | Solution (44) | Solvent (44) | Solute (44) |
|  |  |  |  |
| [https://yr11-biology-revision.wikispaces.com/file/view/osmosis.png/353484478/osmosis.png](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCI7ylovMisgCFQsRkgodl4wKTQ&url=https://sites.google.com/site/hsa2014klarissa16/background-research&bvm=bv.103073922,d.aWw&psig=AFQjCNFoWidX3swK9UbpkVQjfWQoTb-2Kw&ust=1443009662349078) | [http://chemistryhungergames.weebly.com/uploads/8/8/4/9/8849208/294051_orig.jpg](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCKaRvLfNisgCFQN8kgodEaQETg&url=http://chemistryhungergames.weebly.com/district-4---stoichiometry-and-solution.html&bvm=bv.103073922,d.aWw&psig=AFQjCNGHdDENnBbaV3_wesLD7b00CvbQWw&ust=1443009756790936) |  | [http://www.techknow.org.uk/wiki/images/9/91/Solute.jpg](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCPzTt8LMisgCFUEIkgodB4oDZQ&url=http://www.techknow.org.uk/wiki/index.php?title%3DSolute&bvm=bv.103073922,d.aWw&psig=AFQjCNGHdDENnBbaV3_wesLD7b00CvbQWw&ust=1443009756790936) |
| Hypotonic (87) | Hypertonic (86) | Isotonic (86) | Dynamic Equilibrium |
| **Word Part:**  Hypo \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **Word Part:**  Hyper \_\_\_\_\_\_\_\_\_\_\_\_\_ | **Word Part:**  Iso \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | The concentration of molecules is the same throughout the solution but the molecules continue to move equally in both directions. |
| **REMEMBER Hypo Hippo!** | [https://classconnection.s3.amazonaws.com/686/flashcards/35686/jpg/hypertonic_solution1359071384222.jpg](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCISK2IfOisgCFUIXkgodlhgOTQ&url=https://www.studyblue.com/notes/note/n/ch-3a-the-cell/deck/5447215&bvm=bv.103073922,d.aWw&psig=AFQjCNFu1FXuVqap1rFQI8t4XUbyQo2zbA&ust=1443010121313255) | [http://www.biologycorner.com/resources/isotonic.gif](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCLLJ04PTisgCFQNDkgodwmwASg&url=http://www.biologycorner.com/bio1/notes_diffusion.html&bvm=bv.103073922,d.aWw&psig=AFQjCNGOSf7ijBLQYT4bh78_o70h7x6tZg&ust=1443011535368665) | [https://pmgbiology.files.wordpress.com/2014/12/diffusion_1.png](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCNyo1oPnisgCFcGOkgodq1wASg&url=http://pmgbiology.com/2014/12/03/diffusion-active-transport-and-osmosis-a-understanding-for-igcse-biology/&bvm=bv.103073922,d.aWw&psig=AFQjCNFqnjA5W8tmgefdC0IzbWw2UJNh7A&ust=1443016902369467) |
| Hydrophilic | Hydrophobic | Polar (81) | Non-Polar (81) |
| having a tendency to mix with, dissolve in, or be wetted by water  **Word Part:**  Hydr- \_\_\_\_\_\_\_\_\_\_\_\_\_  -phil- \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | tending to repel or fail to mix with water  **Word Part:**  Hydr- \_\_\_\_\_\_\_\_\_\_\_\_\_ | [http://i6.photobucket.com/albums/y227/childofthecorn9/school_biology/watermolecules.gif](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCIjw1ZeBi8gCFVYWkgodC6sETA&url=http://childofthecornx.livejournal.com/14538.html&bvm=bv.103073922,d.aWw&psig=AFQjCNG99Ls6HO1YGXAtyS_1GJoWNfG7pw&ust=1443023863296857) |  |
| H  O  O |  |  | http://employees.csbsju.edu/hjakubowski/classes/ch111/olsg-ch111/solutions/doublechainamp.gif |
| Phospholipid (81) | Channel Protein (84) | Endocytosis (90) | Exocytosis (91) |
|  |  | **Word Part:**  Endo \_\_\_\_\_\_\_\_\_\_\_\_\_\_  Cyt \_\_\_\_\_\_\_\_\_\_ | **Word Part:**  Ex- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Cyt \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.clearbiology.com/wp-content/uploads/2012/10/Phospholipid_LabeledJC.png | https://ilovebiochem1362.files.wordpress.com/2013/02/protein_channel.gif | [https://sophialearning.s3.amazonaws.com/packet_logos/20990/grid/endocytosis.png?1325212947](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCOXKovT_isgCFYuLkgodT5oCTA&url=https://www.sophia.org/concepts/endocytosis-and-exocytosis&psig=AFQjCNFbXNSaOtzwnsqmRW6jBjLf3W-4Ig&ust=1443023559249792) | [http://mrmitchellsbiology.weebly.com/uploads/1/0/4/2/10422385/3854649_orig.gif](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCMDEz66Ai8gCFcgSkgodAKEMUA&url=http://mrmitchellsbiology.weebly.com/exocytosis.html&bvm=bv.103073922,d.aWw&psig=AFQjCNGOEgeqfREzt3hEGRm5VTef6NVaQw&ust=1443023665063471) |