MOLECULAR BIOLOGY

8.L.5

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| Lipid  (8.L.5.2) | Nutrients that provide energy and material for growth | https://lh3.googleusercontent.com/ry46tRyGdRptO8MMXKu4p1lRtmVPhxkVGynw7E4mJLnCY2RkZXZ3kBe14ymblvI9FFk6DCNGP85BDCaFOzy8rh6G1YKh_yC8eUZx3l8xH1b5GjUesrrzJ1ADcIs3tVkb_Se9CbAo |
| Protein  (8.L.5.2) | Molecules that serve as a food source supplying amino acids to the body that aid as structural components of body tissues like muscle, hair, and collagen | https://lh3.googleusercontent.com/fcX959k-Cv6BX6pMGk_JrPy_u8WEBw9t_3MxIclt7ujhxVxSdy2RomGH4B1IjZiGJK_kKuJUt8BFmwcNCqT59Yld0LI17l_-FAqkA1oM0wENc5nbag1wGsdrXTv7nee3QZl8IDGl |
| Carbohydrate  (8.L.5.2) | Substances ( such as a starch or sugar) that is rich in energy and is made up of carbon, hydrogen, and oxygen | https://lh5.googleusercontent.com/dBx8IALuIz-8nxzAsQnf2H_Bwxhuhx4MGoecD0yZXsjQaW6yterKy8fnE3rLEC0oV09nWTip2tr1GSPq-AZgMOpx0K3eVoqLwVjSDqQvjBCzFu-nB92HNprDr5KSwXr-ulxs83uP |
| Calorie  (8.L.5.2) | A quantity of food capable of producing energy | https://lh5.googleusercontent.com/8XWThMzt_a1LcoErjLhLGqYLWjClLkDbEtGf5doONBK8XgIs26cyEUOQvssRqAWnY50sdcgh_fS-C0p_CiaV1Ig1ew8xE6JWqh2mhoN8sRkl4qvC57u_93nsf9htNqZ0mwjSTxWC |
| Digestion  (8.L.5.2) | The process in living organisms of breaking down ingested food into easily absorbed substances | https://lh5.googleusercontent.com/xP34tzEToYSrg2sneBHhfLjLMW3kgOomkqmqYrkF1UKoIkIsTfS9anVUYWU_TzQd-fg7RLX8rroFOJtcl8yLL6LlS0IBrB_PZiqx2p3OMR1bNJIoAzyTsay4hoJal9Xs0wmWiANj |
| Metabolism  (8.L.5.2) | the sum of the physical and chemical process in an organism where substances are produced, maintained, and destroyed and energy is made available | https://lh6.googleusercontent.com/GT9DMZJOcJ3CzgzQNvn-jmpMZRCXjMpIDmFQhmKJKnMYnhk-cUlFXlx1eQO8PqDsFSOLS9s2WTm6w6CmROWOljAwM5qX9_QrgikMGBn11-hfeZXvIOVxfP_bAsfmpMnuOTgXKHuk |
| Basal  Metabolic  Rate  (8.L.5.2) | The rate at which energy is used in base condition; Based on average energy levels,  not resting and not exercising | https://lh4.googleusercontent.com/FfZBKG0eyf-hp6ulvHQzjCylbumr9eikAD3vFZFtYle2wsXBxzPkgossUt0oqu2qasgVhF0Er62KkJNFpN4wgpr46zn7VPWo8XKLGsxWK_gAeSxJUd5ku3Xp2ytyDxA6QsrGNAho |
| Sedentary  (8.L.5.2) | (of a person) tending to spend much time seated; somewhat inactive. | https://lh5.googleusercontent.com/2Im_OwUqTJ1Wk-xk0QWY27uEpGUXnjuwLEte18DdSlDPTg751Tps0zW-UiWCe9pkUb-laAM7l5rFy3LKPjjL-LPk6_1LiVFsSlfeZk-n2teYYhMWYqwGHBIq4ldKWOB4ANXgj69K |
| Mitosis  (8.L.5.1) | Parent cell divides to form two new cells called daughter cells | https://lh6.googleusercontent.com/X_pnb5udEu0jokNaXphaoDZIk08B9lnPt9ZKUiHOFTv45mA1XFMS3K-8yRDY6uLCoLoQvwCyTiBPHwhdFkPTlh65jefI-4zXjX0gwEPGC8V7YU2IJmK7KyAaMqnnbNZ7iBg06FpT |
| Meiosis  (8.L.5.1) | The process that produces gametes | https://lh5.googleusercontent.com/kJA3Rxwixzc9P6NGyA8v5063evhh2MSnf2njI0gHcfVXdmJm6UCd-vMQy63GiQXT4WMUSOuDkOh6xfnaLbgP9zk-xAuhz45fKvHTk0vVKe76c9tQNbotcCNzz7GHW9aLCYMQ6rVB |
| Glucose  (8.L.5.1) | A major energy source in metabolism; sugar | https://lh3.googleusercontent.com/Gd3uKRyEI6BcV5G3XjdBFqSHQC3YzLdU1Ak8ijJqT9kp9pOydIGo6NdSTtqH2apig24D9c7id3cS9GZqRPEEolXDs_rEG6qH99CGtah3kK-u5aso7NHM_ZoG47d0xUa5_s-DYt2l |
| ATP  (8.L.5.1) | Serves as a source of energy for reactions such as muscle contraction | https://lh3.googleusercontent.com/nY9wzId6AAfM8fyTcN7ANF4IVFM9gVLoBWr935npoUwuReJvIJoeS46tRPiwRb7Jhugp8MVwDCLXatDD56GnPIyWif8sqbqJgLRe9MXNTx-4jVZi599qzVKO35Pi-BW0AlE-B0qR |
| Cellular  Respiration  (8.L.5.1) | The process by which cells break down sugar to release stored energy | https://lh4.googleusercontent.com/btcQwc5yQd8gEJKiT67m72tHOvruVvghYcKL5xohhuJzMg5HM3IbXbKPagdZREEWsoRRri_rV_frYf55OpHtEMktgBU877dan8tJ2_544hW3BVgrVKMWJtjI1N6bQHcvjjCb8z9w |
| Photosynthesis  (8.L.5.1) | Process in which the cells of plants and other organisms use the energy of sunlight to make food | https://lh4.googleusercontent.com/uVfS_vQfaZG5_pe1AVtQiBOKScfs0Swx1qMnpxawV2iu2BfvqPju5hpApPxz8kVyF2cJy56exgYwZIF4mzQo91Wzgp9jmk_nFnWwS4xz-ljAl1HpfJCtM2-AoJaC0ObeE9bSCGB- |
| Eukaryote  (8.L.5.1)  Prokaryote  (8.L.5.1) | Organisms whose cells have a nucleus and organelles  Organisms whose cells lack a nucleus and membrane bound organelles | https://lh4.googleusercontent.com/3moZQI7vZg2Pu74_sR6j9D6xqJ936QAfR4FGyW-OQKIOfvPREfQrsafyWGSnb8KXz-SqkXLAn551NVkIduhx03AvImT__Mpuq3Z41yL1y3XHIbS4TiZibUt7xzZ15puukrP_TgBN |