| **Energy Flow in Ecosystems** | |
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|  | Watch this [Video](https://www.youtube.com/watch?v=826HMLoiE_o) on Energy Flow in Ecosystems  **?**  Write three sentences explaining Energy Flow seen in Kalahari Desert Ecosystem (Where do the Sand People get their energy? The Kudu? The Organisms the Kudu eat?)  **They get their energy from eating animals that they hunt .**  **The kudu is an animal that looks like a deer but way bigger.**  **The kudu eat plants and grass.** |
|  | * Download this copy of the [Vocabulary Slides](https://docs.google.com/presentation/d/13zjIjpd_MTjQ3mmvvx8VuT1aBPpd6g9nTaPfBEYj1tw/copy)   + Create each slide with the correct definition   + Include a picture on each which helps in your understanding of the word     - Use slide #1 as an example     - When you are done place a Link to it Below   [Copy of Energy Flow Vocabulary](https://docs.google.com/presentation/d/1IKXhBkHfdGpnbnZY2z13QYHDj9oys-t_imj3Agmatys/edit?usp=sharing)   * Read this [National Geographic Article](http://www.nationalgeographic.org/encyclopedia/food-web/)   **?**  the primary consumers. Secondary consumers are usually carnivores that eat the primary consumers. Tertiary consumers are animal that eats another animal   * Watch these 3 videos on Food Webs   [Fabulous Food Chains](https://www.youtube.com/watch?v=MuKs9o1s8h8&index=3&list=PLhz12vamHOnZv8kM6Xo6AbluwIIVpulio) [the Dirt on Decomposers](https://www.youtube.com/watch?v=uB61rfeeAsM&list=PLhz12vamHOnZv8kM6Xo6AbluwIIVpulio&index=4) [Home Sweet Habitat](https://www.youtube.com/watch?v=p15IrEuhYmo&index=8&list=PLhz12vamHOnZv8kM6Xo6AbluwIIVpulio)   * Check out this Food Chain Example:      * + Complete the [Food Chain Games (Select 2)](https://www.bbc.co.uk/bitesize/topics/zbnnb9q) * Watch this video on [Energy Pyramids](https://www.youtube.com/watch?v=CReZd9OHEfs)   **?**  Why is the Energy Pyramid shaped like a pyramid?  **?**  **Why does the energy ”go down” at each level?**  energy is lost at each trophic level when organisms use it up.  Energy decreases as it moves up trophic levels because energy loses strength |
|  | * Create a [Food Web](https://docs.google.com/drawings/d/1hd8u6C2uJTiea5nyVy7LsTHHIRmiZfBZpkJIYaEnEtg/copy) from the following images   [Copy of Food Web](https://docs.google.com/drawings/d/1QtvOCVDZb28CsuMeKLAcCbyu895sUNXv82e618-Z23Y/edit?usp=sharing)   * Create an [Energy Pyramid](https://docs.google.com/drawings/d/19EdUkAdxh5zy-giHVmbbijLU4luAU8v9mg8E2al6m04/copy) on the following document   *(this should match what your food pyramid shows)*  [Copy of Energy Pyramid](https://docs.google.com/drawings/d/1irr9uiuJHFxolAyOUeYR-XUPdLBcdGDvLKfCygDGSg4/edit?usp=sharing) |
|  | **?**  Using your Food Web and Energy Pyramid describe the flow of energy through your ecosystem.   * *Start with the sun and end at your top predators.* * *Include the trophic levels* * *Describe what happens to energy as it moves through different organisms*   *Answer in at least 4 sentences*  The sun helps the grass grow . Then the rabbits eat the grass but a snake eats the rabbit .The hawk comes and eats the owl . most likely nothing is going to eat the owl so the owl dies and fungi will grow . If a animal eats another animals the energy get less and less.  Unnamedggdgdgd.gif  *You are done,* ***Submit*** *this Doc. through Classroom* |
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