



Problem: Create a fabric with bright blue and green colours without using chemical products.



<https://pixabay.com/es/termitera-safari-tanzania-1255294/>

Problem: Cool a building naturally with minimal energy consumption.



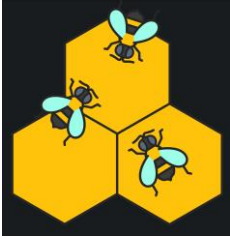
Crédito:Skeeze/Pixabay

Problem: Absorb the large amount of energy produced when two objects crash together.

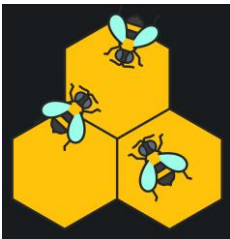


<https://pixabay.com/es/océano-la-vida-silvestre-almejas-2480678/>

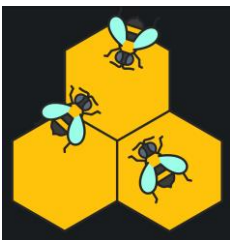
Problem: Produce a strong, water-resistant glue that can be used on wooden panels for a boat.



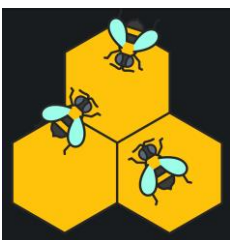
Clue: The male peacock attracts its mate using colourful feathers.



Clue: Termites live in hot places and make their houses in wet mud.



Clue: Woodpecker carve their nests in trees.



Clue: Mussels attach to rocks where the water current is strong.



Problem: Create a turbine that is able to move its blades using less energy than traditional wind turbines.



[https://en.wikipedia.org/wiki/Yellow_boxfish#/media/File:Kofferfisch_\(Ostracion_cubicus\)_02.jpg](https://en.wikipedia.org/wiki/Yellow_boxfish#/media/File:Kofferfisch_(Ostracion_cubicus)_02.jpg)

Problem: Develop a car that has a lot of interior space and reduces fuel use.



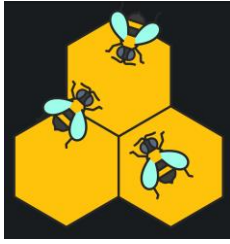
<https://pixabay.com/es/pato-duck-patitos-animal-aves-2659028/>

Problem: Create a warm but light blanket for cold nights.

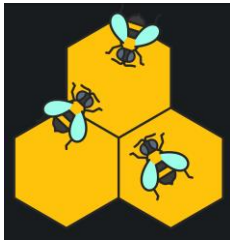


<https://pixabay.com/es/cierre-de-velcro-el-oto%C3%B1o-marr%C3%B3n-1726916/>

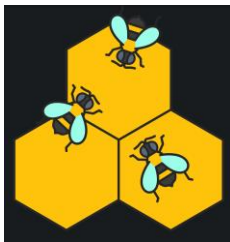
Problem: Produce a way to 'tie' shoes and coats that is easy enough for a child to use.



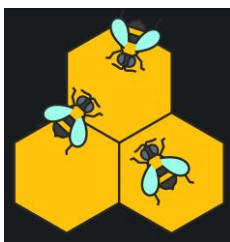
Clue: The bumps on a humpback whales' flippers allows for increased agility in the water.



Clue: The box fish moves without much energy expenditure.



Clue: Ducks' feathers insulate them from cold temperatures.



Clue: The way burdocks spread their seeds is by attaching themselves to animals.



<https://unsplash.com/photos/WPTCXIZC18>

Problem: Ventilate a building using an energy-free mechanism which allows air in when it is hot and closes when it is cold.



<https://pixabay.com/es/sossusvlei-escarabajo-namib-desert-902417/>

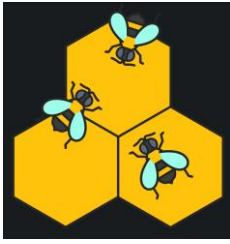
Problem: Collect water in places where it is scarce.



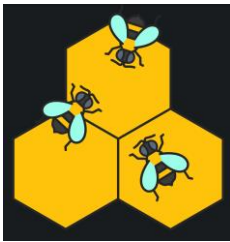
<https://www.pexels.com/photo/green-trees-and-mountain-540006/>

Problem: Waste from different factories leads to environmental damage.

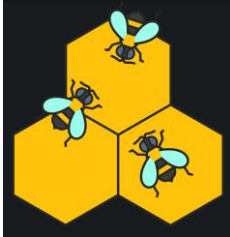




Clue: Pine seeds germinate when they open, when exposed to high temperatures.



Clue: These beetles live in the desert.



Clue: Recycle all waste so it becomes food for something else.