



Biomimicry card sort answers (IM16)

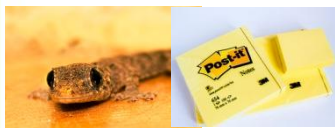
Biodiversity is used as an inspiration for inventions



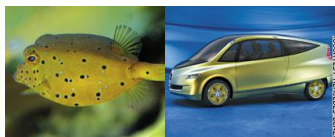
Mussels create sticky threads to attach themselves to the rocks. The chemicals in these threads have been used in some **glues**.



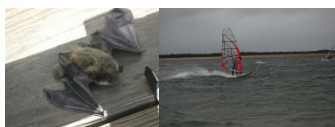
The little hooks on the **burdock** plant are excellent for clinging on to the fur or feathers of animals – this is what inspired **Velcro**.



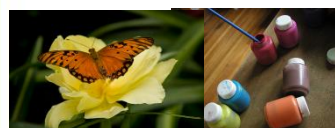
Geckos feet have tiny ridges on them to help them cling on to walls and ceilings. This has inspired a range of **sticky labels**.



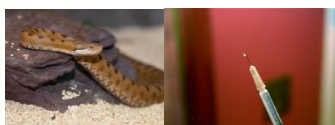
The strange shape of this **box fish** makes it more aerodynamic so it can travel more efficiently through the water.



Bat wings help to inspire the design for these **windsurfs**.



The iridescent colours in some **paints** have been inspired by special tiny structures in **butterfly** wings which reflect light in a special way.



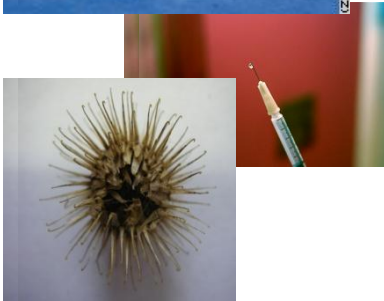
The **viper** 'injects' its prey with venom which has inspired the **hypodermic needle**.



Termite mounds are orientated north/south and have ventilation which creates natural air conditioning. This structure has influenced the design of some **buildings**.



(COURTESY, MERCEDES-BENZ)



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