# TeachEngineering STEM Curriculum for K-12

**Engineering Friction and Grip Examples of Engineered Surfaces** 















### **Examples of engineered surfaces**



Shoe tread patterns

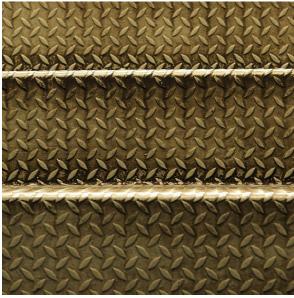
Patterns on pedals in a car





## **Examples of engineered surfaces**





Tread pattern on a winter tire

Surface patterns on stairs





#### Now it's your turn!

In your groups, brainstorm and find other examples of everyday engineered surfaces. Add pictures of the examples you gathered to your group's page.





#### **Group 1 – examples**





#### **Group 2 – examples**





#### **Group 3 – examples**





#### **Group 4 – examples**





#### **Group 5 – examples**



