

**ON THE FIELD TRIP YESTERDAY, I NOTICED
THE MAIN BRIDGE HAD A SIGN WHICH
READ, "WEIGHT LIMIT: 12 TONNES".**



**HOW DO THEY DETERMINE HOW MUCH
WEIGHT THE BRIDGE CAN HOLD?**



**IT IS REALLY AN AMAZING
FEAT OF ENGINEERING, USING
SOME VERY COMPLICATED...**

**...ACTUALLY IT'S
QUITE SIMPLE.**



1. THEY BUILD THE BRIDGE;
2. THEY STACK DRUMS FILLED WITH WATER ONTO THE BRIDGE UNTIL IT COLLAPSES;
3. THEY WEIGH THE DRUMS;
4. THEY REBUILD THE BRIDGE;
5. AND, THEY PUT THE SIGN UP.



**AND YOU SAID IT WAS
COMPLICATED...**



**ENGINEERS
THROUGHOUT
ENGLAND JUST
COLLECTIVELY
SHUDDERED...**

**I WONDER IF
THEY ERECT
BUILDINGS
THE SAME
WAY ?**

