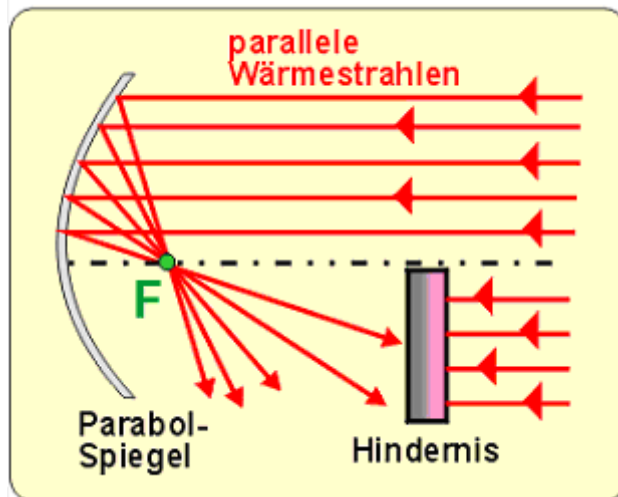
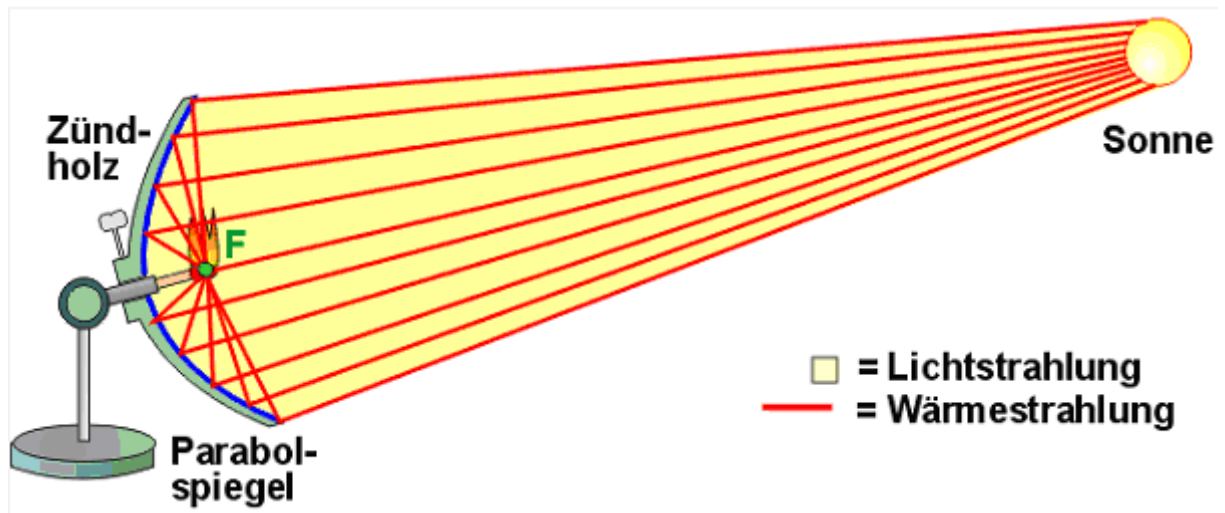
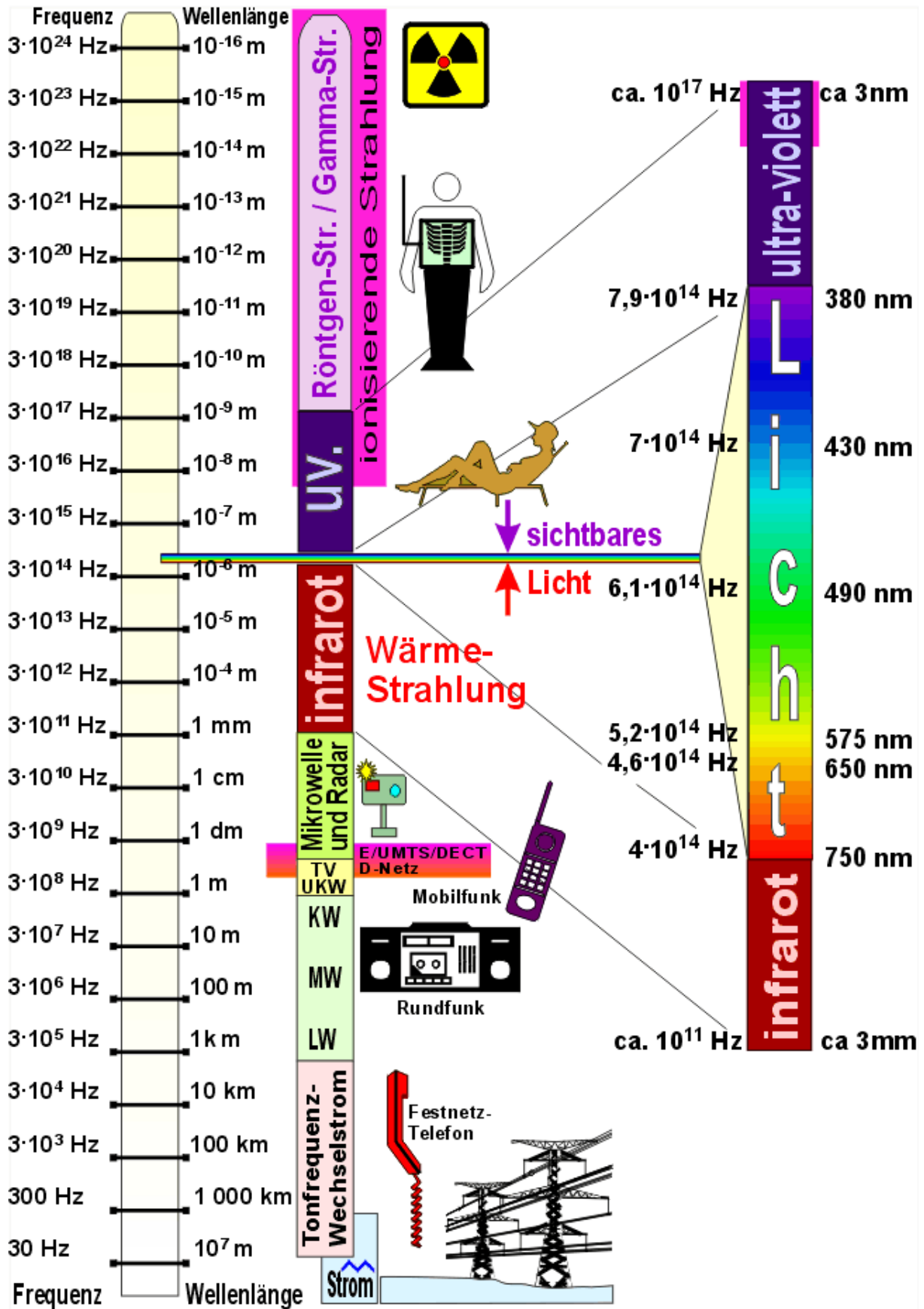
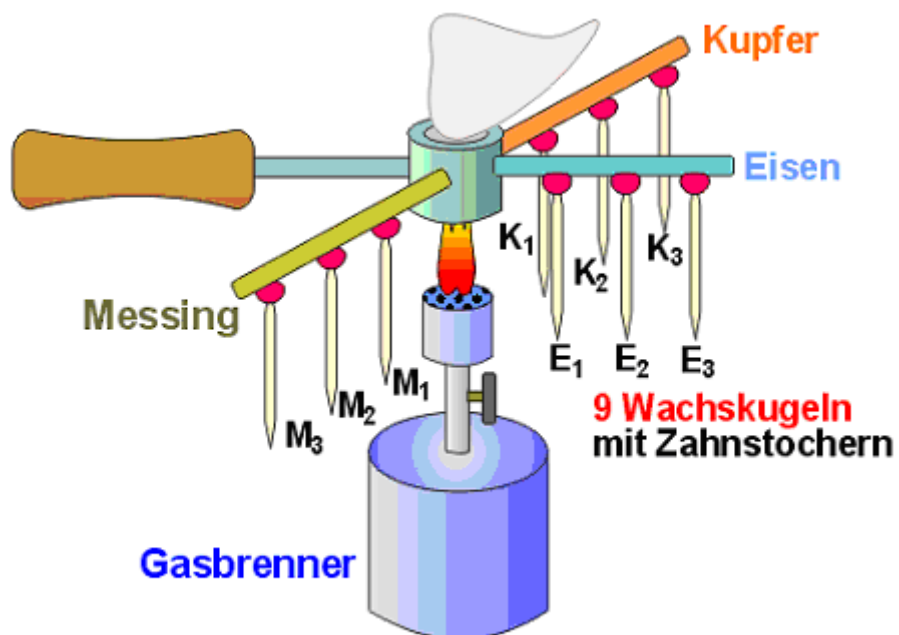
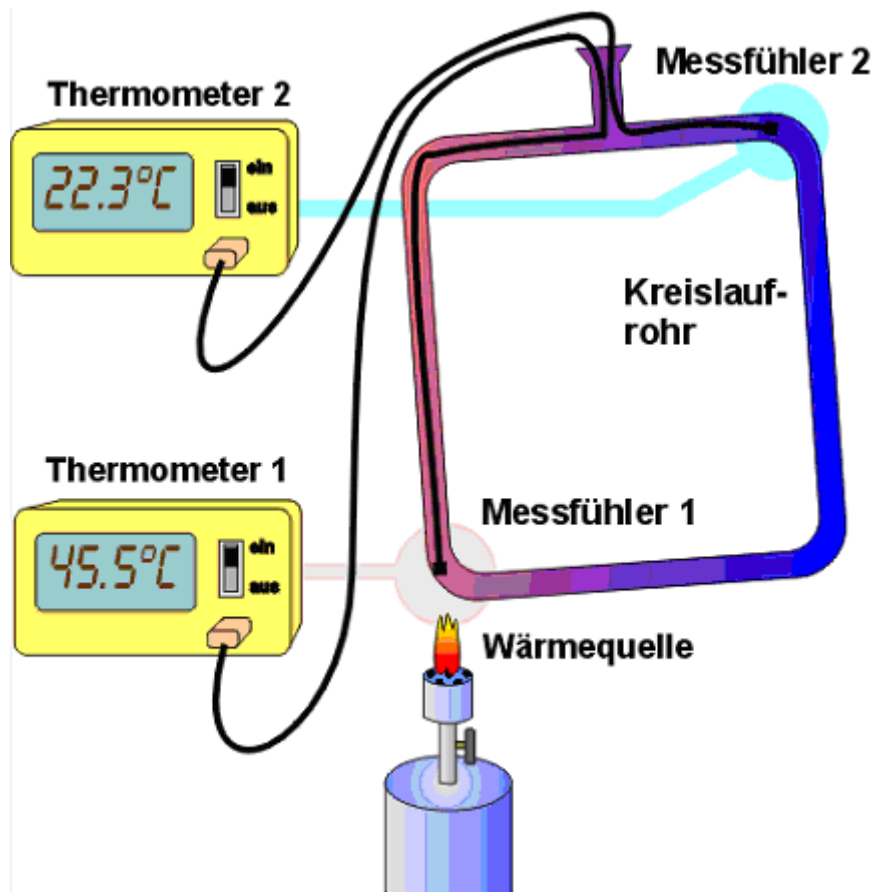


# ABBILDUNGEN WÄRMELEHRE TEIL 1

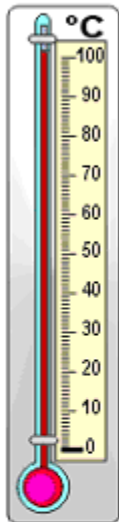






# Celsius-Skala:

nach Anders Celsius,  
schwedischer Astronom  
( \*27.11.1701, +25.4.1744 )



Siedepunkt  
des Wassers



100°C

100 gleichgroße  
Skalenteile



0°C

Schmelzpunkt  
des Wassers

# Kelvin-Skala:

nach Lord Kelvin,  
( \*1824, +1907 )

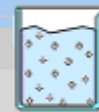
Beginn der Temperatur-  
skala am absoluten  
Nullpunkt ( -273,15°C )

Schmelzpunkt  
des Wassers



273,15K

Siedepunkt  
des Wassers

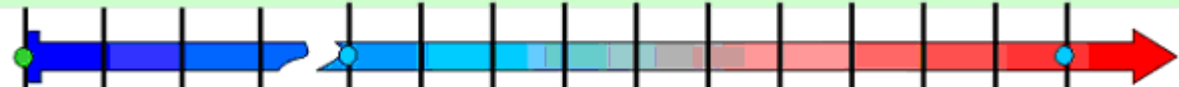


373,15K

verschobene  
Celsius-Skala

## Grad Celsius-Werte:

-273°C -263°C -253°C -243°C ... 0°C 10°C 20°C 30°C 40°C 50°C 60°C 70°C 80°C 90°C 100°C ...



0K 10K 20K 30K ... 273K 283K 293K 303K 313K 323K 333K 343K 353K 363K 373K ...

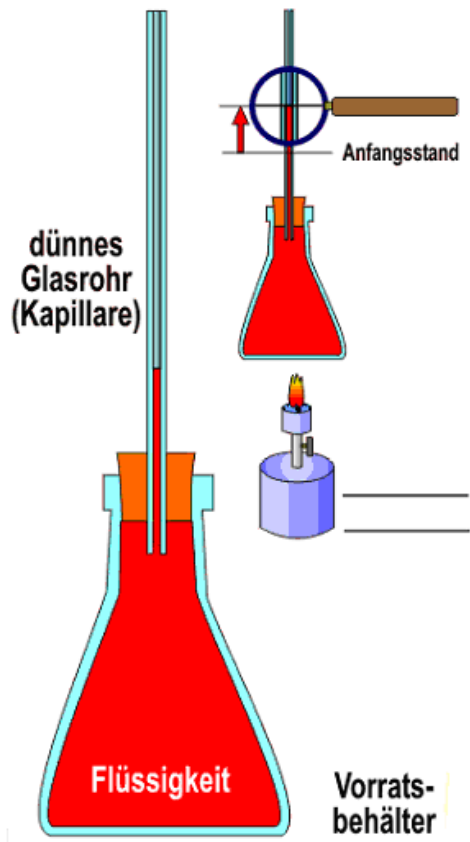
Kelvin-Werte:

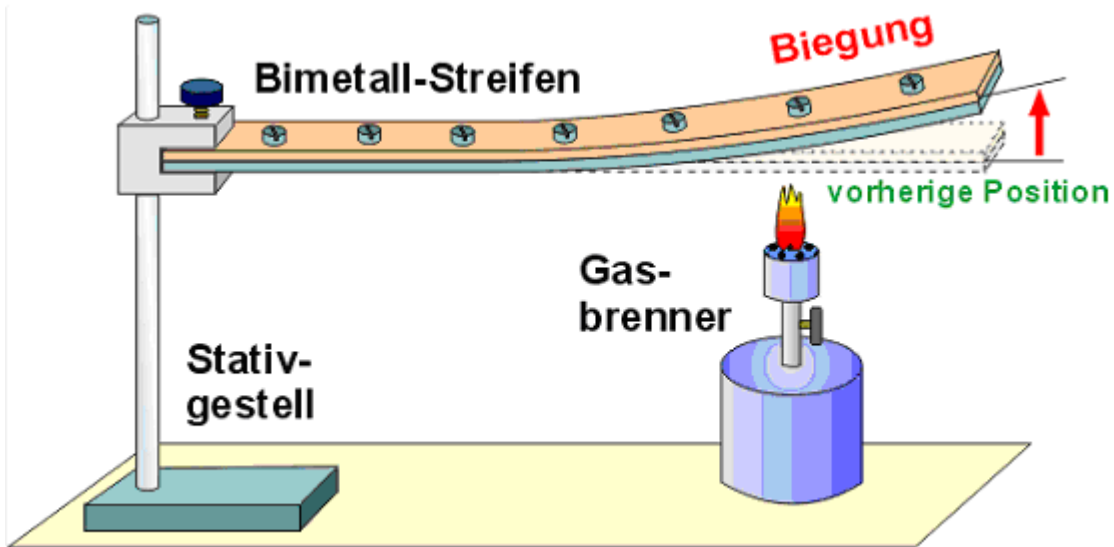
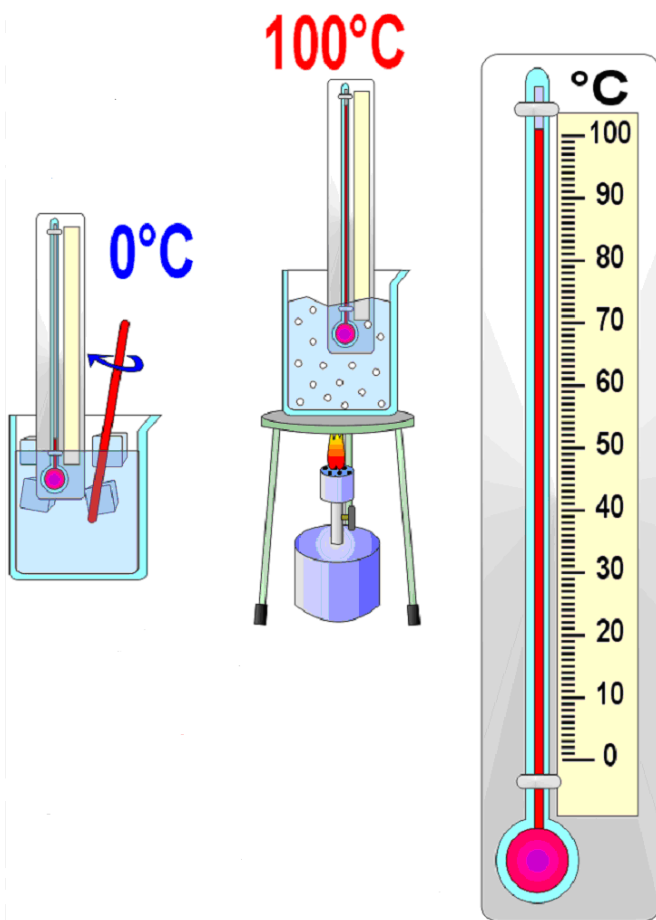
absoluter  
Nullpunkt

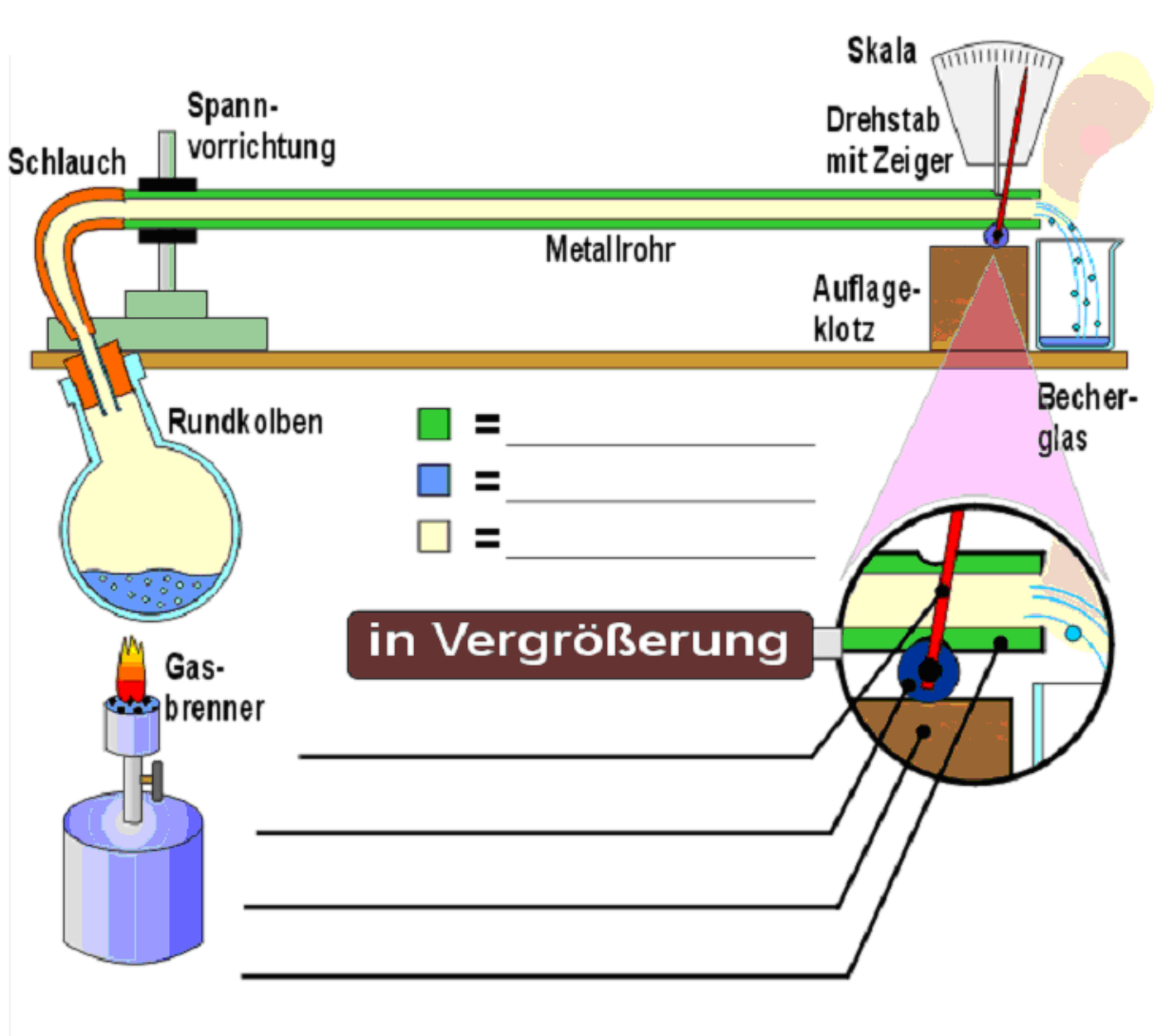
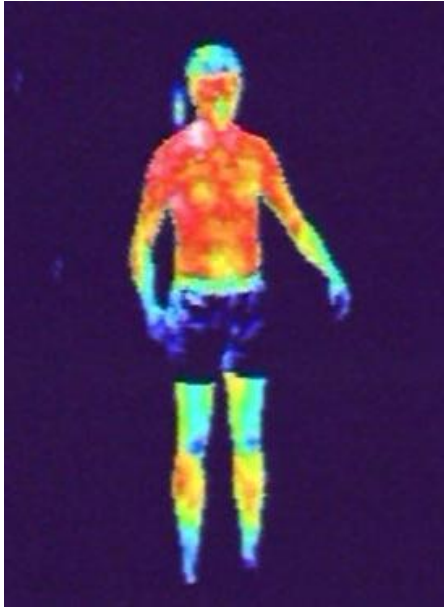
Schmelzpunkt  
von Wasser

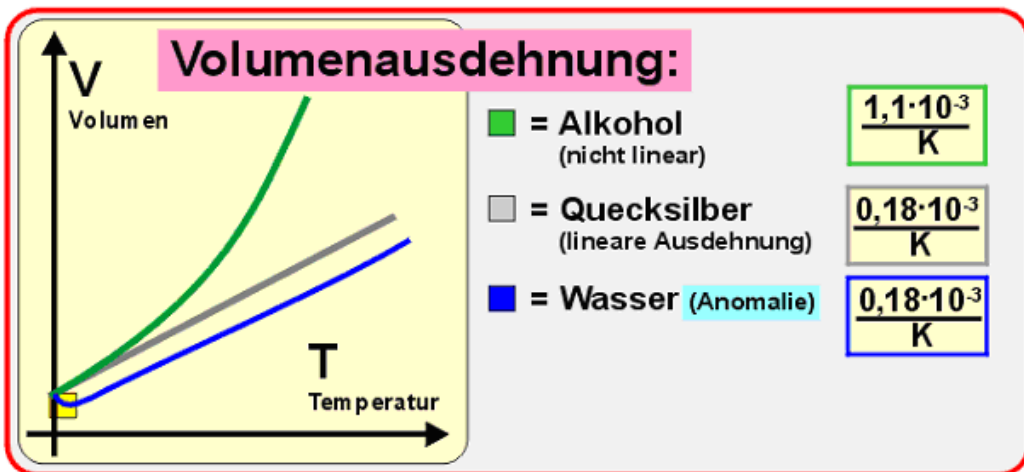
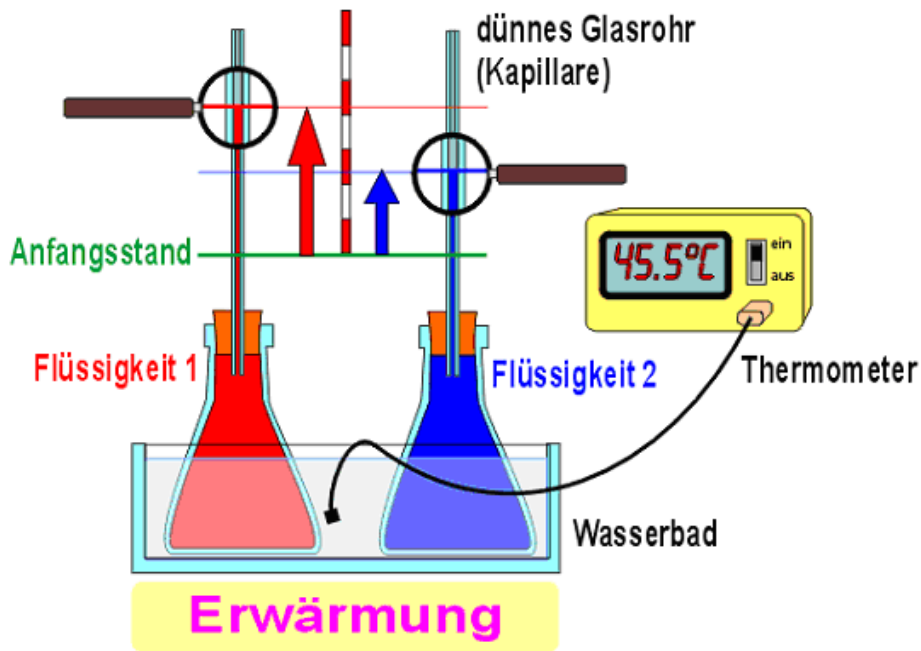
Siedepunkt  
von Wasser

**Aufbau eines  
Flüssigkeitsthermometers:**

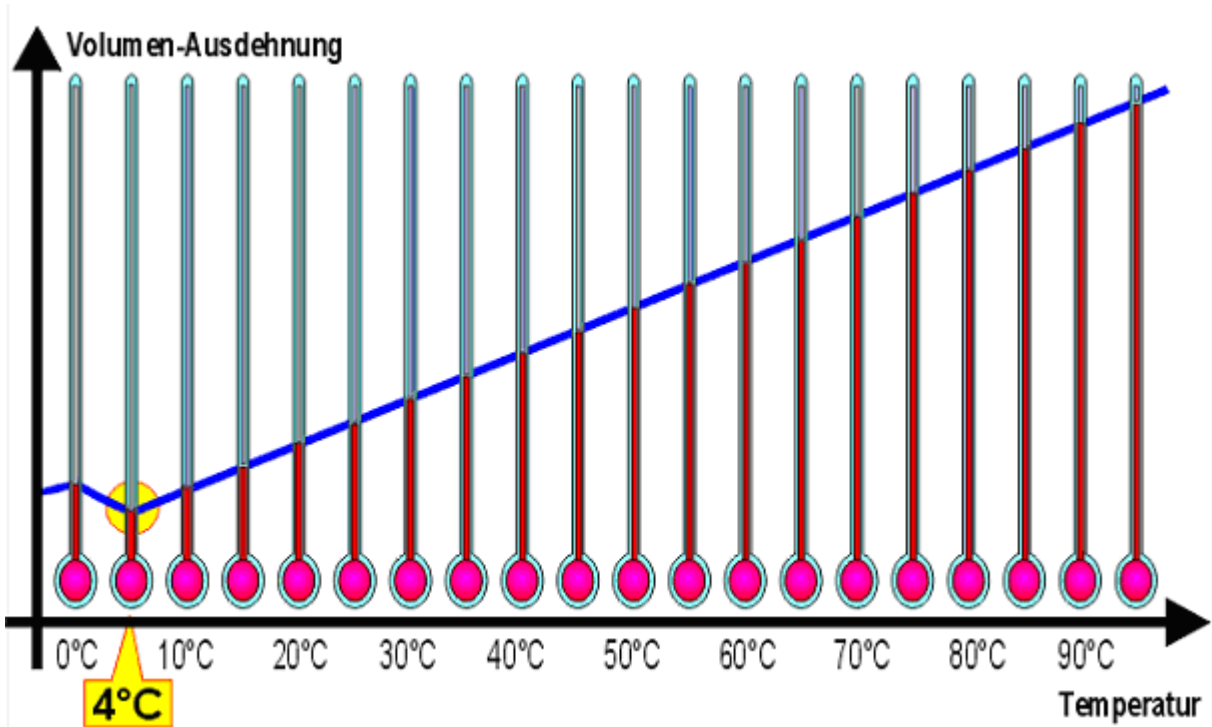




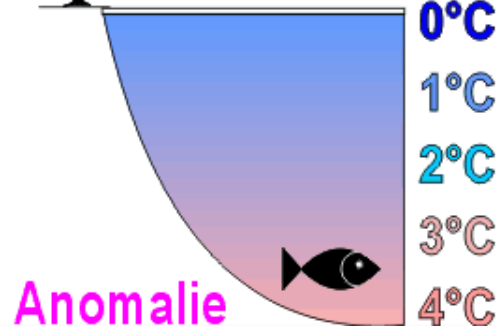




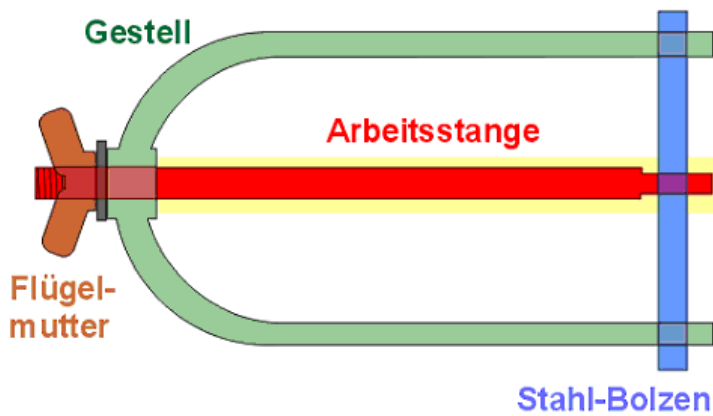
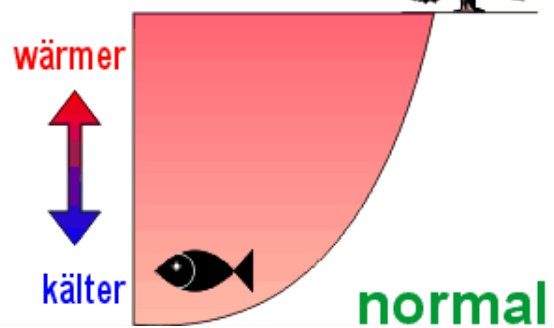


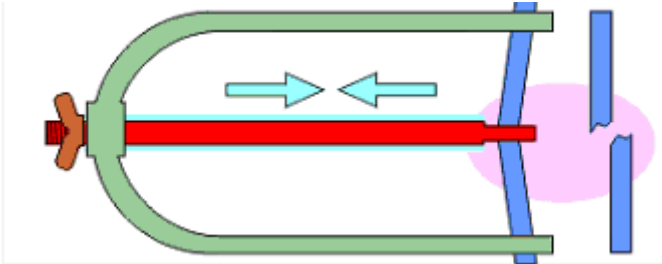
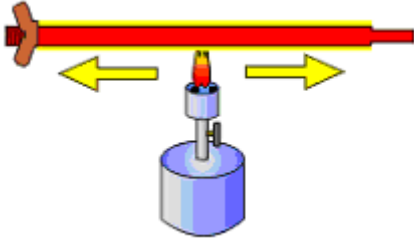


**Temperatur-  
schichtung  
im Winter**  
Eisschicht

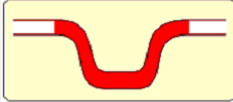


**Temperatur-  
schichtung  
im Sommer**





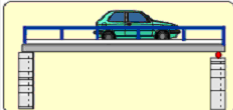
**1 Rohrleitungen**



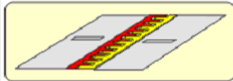
**2 Freileitungen**



**3 Brücken**



**4 Brückenfahrbahnen**



**5 Dehnfugen**

