

# WORKSHEET 2

## Functions of the main parts of a 4-stroke engine

- **Mixture** – mišinys (air/fuel mixture)
- **To burn-burnt-burnt** (or burned-burned) – degti (burnt – sudegęs)
- **Gas (-es)** – dujos
- **To transfer** – perduoti, paskirstyti
- **Seal** – sandarinimas; tarpiklis
- **Bore** - cilindro skersmuo
- **Via** – per
- **Reciprocating** action – slenkamasis (slankiojamasis) veiksmas
- **Rotary** motion – sukamasis judesys
- **To store** – kaupti

**Task 2: Using the words above try to understand the functions of the main parts of a 4-stroke engine in English:**

### ***Intake valve***

It opens at the correct time to allow the air/fuel mixture into the cylinder.

### ***Exhaust valve***

It opens at the correct time to allow the burnt exhaust gases out of the cylinder.

### ***Piston***

It travels up and down the cylinder. The pressure on it is then transferred to the crankshaft. A gas tight seal is formed between it and cylinder bore by using rings.

### ***Crankshaft***

The pressure on the piston is transferred to it via the connecting rod, which converts the reciprocating action of the piston to rotary motion of it, which turns the attached flywheel.

### ***Flywheel***

It stores energy to keep the engine running during non-power strokes.