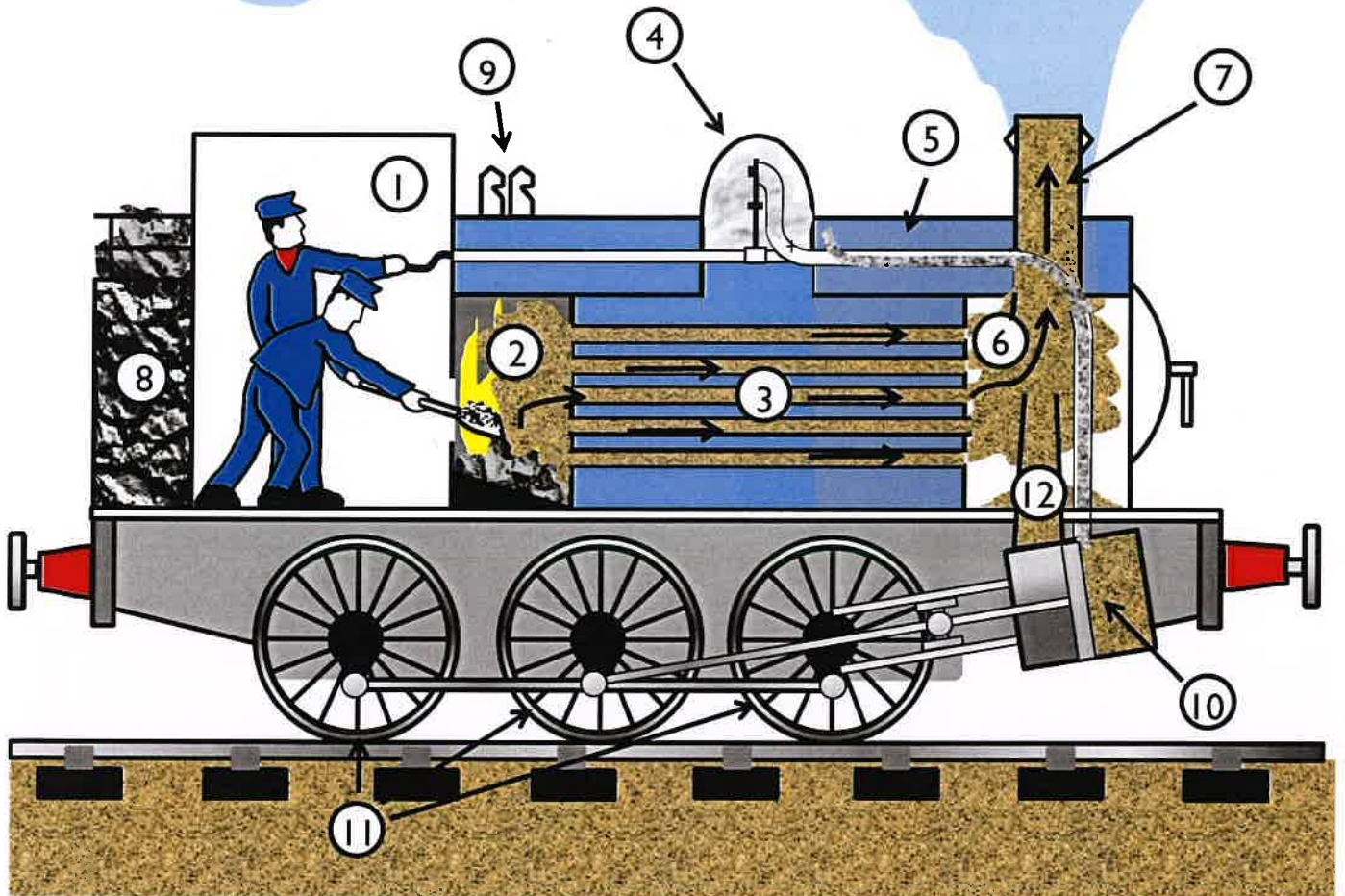


THE POWER OF STEAM!

What's in a Steam Locomotive?



- | | |
|---------------|-------------------------------|
| 1. Cab | 7. Chimney |
| 2. Firebox | 8. Coal Bunker |
| 3. Boiler | 9. Whistle |
| 4. Steam Dome | 10. Cylinder |
| 5. Water Tank | 11. Driving Wheels and Motion |
| 6. Smokebox | 12. Blastpipe |

S3

THE MUSEUM OF SCOTTISH RAILWAYS

Activity Sheets

THE STORY OF STEAM!

How a steam engine works

The sentences below have been jumbled up. Read them carefully and then number them in the correct order from 1 to 5 to tell the story of how a steam locomotive works!

The steam from the boiling water in the boiler moves the pistons backwards and forwards.

The moving pistons make the wheels go round and the engine moves forwards.

First of all, the fireman lights the fire in the firebox.

Finally, when the steam has done its job, it escapes up the chimney and makes a "chuff, chuff" sound.

Hot air and gases in the firebox heat the water in the boiler and make it boil.

S4