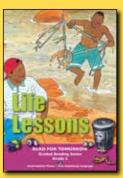
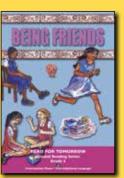
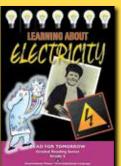
GRADE 5 TITLES

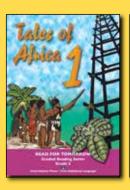
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1	978-1-874830-40-5	Life Lessons
2	978-1-874830-39-9	About People
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9	978-1-874830-42-9	Keeping in Touch
10	978-1-919774-58-9	The Factory Ghost
11	978-1-874830-46-7	Metals
12	978-1-874830-48-1	Tales of Africa 3

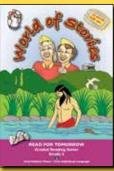




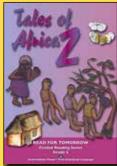




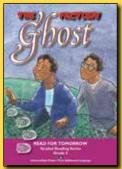




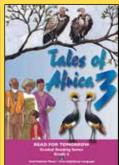




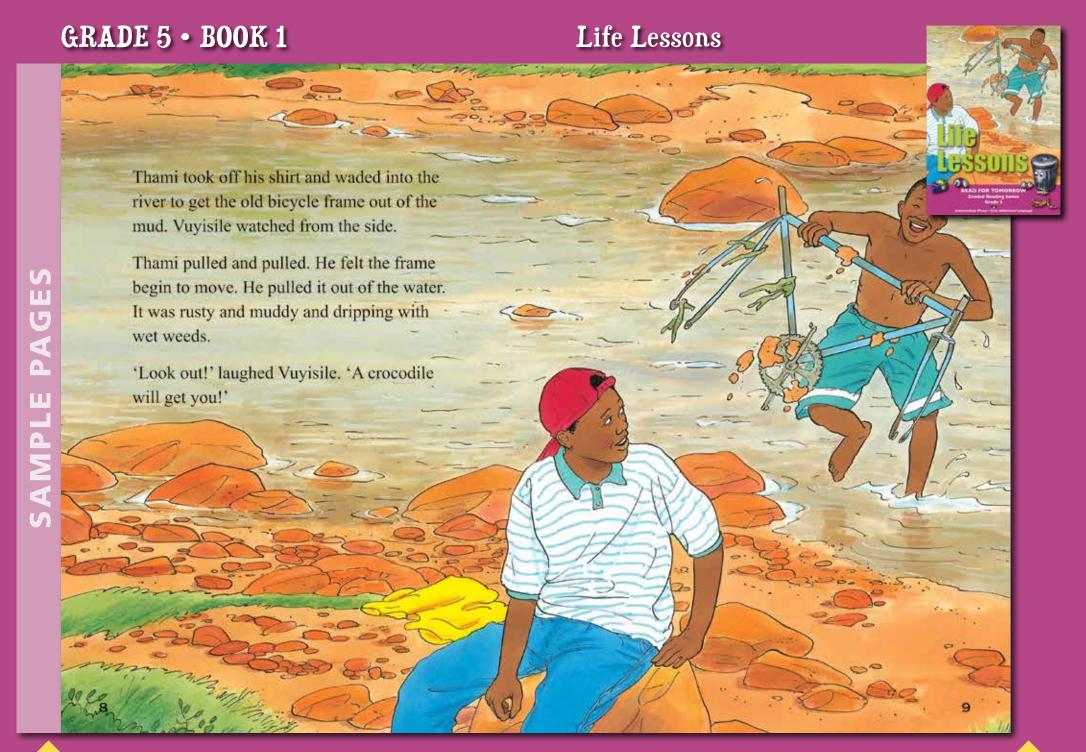


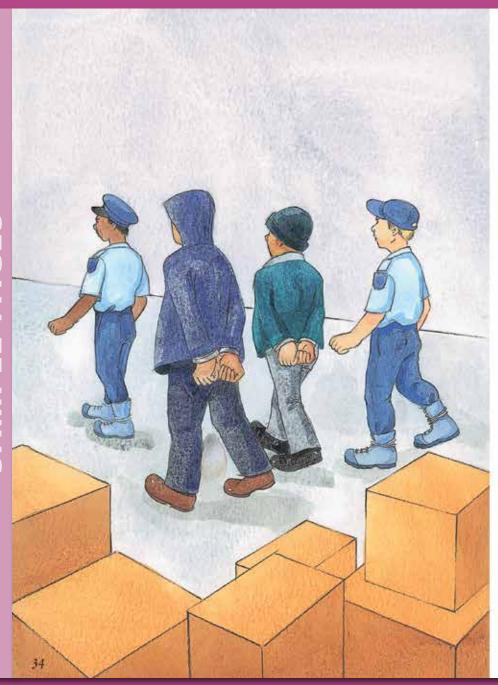






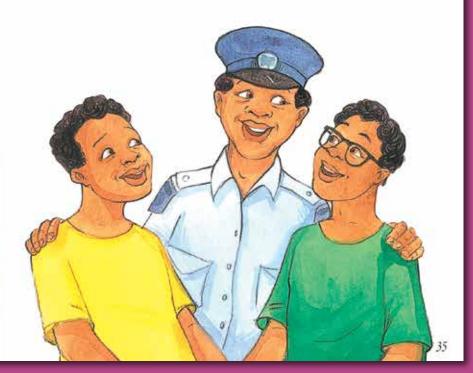
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In a minute it was all over and they were securely handcuffed.

'Well done, boys!' said Sergeant Abrams as they watched the criminals being led away. 'It seems as if you are learning something useful at school after all. But next time you think you see a ghost, come and tell me before you go wandering around at night!'



To make steel you need carbon, iron ore, coke and

Carbon

is found in all living things.

limestone.

Iron ore

is rock that contains iron.

Coke is made from coal that has been heated in a very hot oven.

Limestone is a white-coloured rock.

How is steel made?

blast furnace

- 1. Iron ore is crushed into small pieces or pellets. The pellets are put into a special oven used for melting metals. The oven is called a blast furnace.
- 2. Coke and limestone are added to the blast furnace. The blast furnace becomes so hot that the pellets melt into a hot liquid. The iron separates from the rock. This is called smelting.

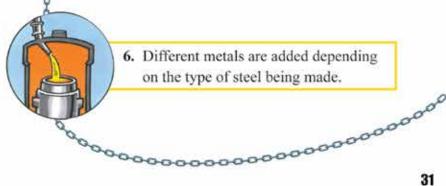
3. The hot liquid, called 'pig iron' is transported to the steelworks in a special car that moves on rails. The is called a torpedo car.

torpedo car

4. At the steelworks the pig iron is mixed with recycled steel in a special steelmaking furnace.



5. The steel is poured into special ladles.



6. Different metals are added depending on the type of steel being made.

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