

Primary 6

Worksheet

Teacher's Version (Model Answers)

Resources Circulation in Hong Kong

Student Worksheet

Name 

1 Short questions

1. Suggest a way to practice the 4R principles of waste reduction in daily life.

Reduce

1. Use reusable shopping bags
2. Support zero-waste stores
3. Use e-receipts, e-statements, etc.

(Reasonable answers are acceptable)

Reuse

1. Write on both sides of a paper
2. Use reusable containers
3. Reuse plastic bags

(Reasonable answers are acceptable)

Replace

1. Use food containers to store food instead of cling wrap
2. Use handkerchiefs instead of tissue paper
3. Buy bottled beverages with rebate redemption services instead of beverages in cartons or aluminium cans
4. Use recycled paper
5. Reuse durable tableware and food containers

(Reasonable answers are acceptable)

Recycle

1. Recycle food waste in food waste recycling bin
2. Rinse and clean plastic bottles thoroughly and put them in the plastics recycling bin
3. Remove impurities and recycle magazines or books

(Reasonable answers are acceptable)

2. Write down the correct sequence for clean recycling for each recyclable

Steps for Clean Recycling

- A** Separate recyclables and non-recyclables
- B** Separate different components
- C** Drain liquid
- D** Rinse thoroughly
- E** Empty the container
- F** Cut and flatten
- G** Remove impurities

Recyclable	Steps for clean recycling	Colour of recycling bin
Paper	G	Blue
Metals	E → D	Yellow
Beverage cartons	B → E → F → D → C	Dark grey
Glass bottles	E → D → C	Green
Plastic bottles	B → E → D	Brown
Food waste	A → C	Purple

2 Fill in the blanks: Fill in the blanks as appropriate.

Incineration

Food waste reception

Flue gas treatment

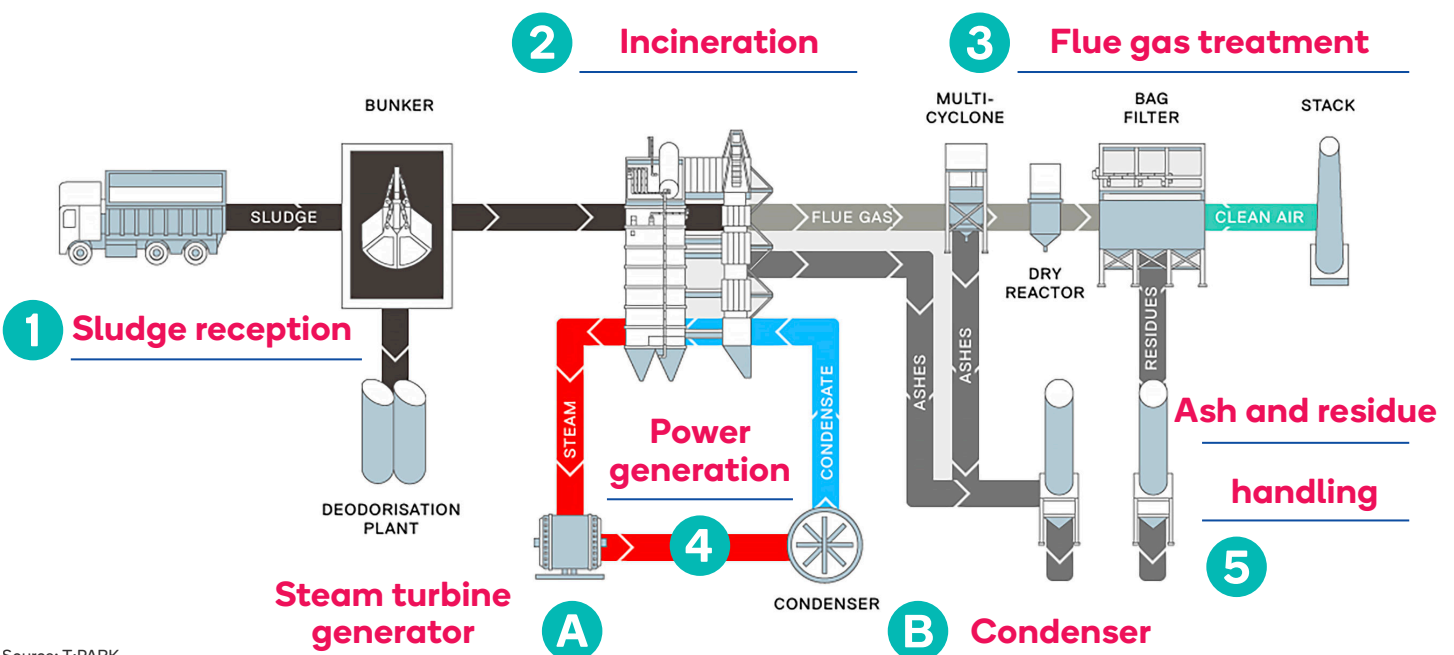
Steam turbine generator

Power generation

Sludge reception

Ash and residue handling

Condenser



3**Reflective questions****1. Suggest one method to reduce waste at source.**

1. Use reusable water bottles and shopping bags instead of plastic bottles and plastic bags.

2. Use e-receipts and e-statements instead of paper.

3. Bring your own reusable water bottles, tableware and shopping bags when getting takeaway food.

(Reasonable answers are acceptable)

2. Name one example of upcycling.

1. Sewing of old clothes into shopping bags.

2. Turn metal can into pencil holder.

3. Turn plastic beverages bottles into vase.

(Reasonable answers are acceptable)