

AZ Community Science Alliance






COMPOST LESSON FORM

 TEAM MEMBERS/GROUP NAME: _____

 SCHOOL NAME: _____
*If applicable

COUNTERTOP COMPOSTING

WHAT YOU WILL NEED:

-  COUNTERTOP COMPOST BIN
-  THERMOMETER
-  SOIL PROBE (PH, LIGHT, MOISTURE)
-  SCALE
-  SAW DUST
-  FRESH MATERIALS






COMPOST METHOD

CIRCLE ALL THAT APPLY:

INDOOR:

-  COUNTER TOP
-  VERMI-COMPOST
-  ENZYMES ADDED

OUTDOOR:

-  COMPOST PILE
-  COMPOST PILE + VERMI-COMPOST
-  COMPOST PILE + ENZYMES
-  TUMBLER
-  TUMBLER + ENZYMES

PROJECT START INFORMATION:

STARTING DATE WEEK 1:


 ___/___/20___

STARTING WEIGHT:

 _____ LBS
CONTAINER

 _____ LBS
CONTAINER + BROWNS + FOOD SCRAPS

STARTING PICTURES:

-  AREA AND SET UP
- THE COMPOST
- OTHER: _____

WHAT TO COMPOST:

 VEGETABLE SCRAPS

 EGG SHELLS

 FRUIT SCRAPS

 GRASS AND PLANT TRIMMINGS

 NO MEAT, POOP, DAIRY PRODUCTS

RESOURCES



COMPOST 101

- [HTTPS://AZDEQ.GOV/COMPOSTGUIDE](https://azdeq.gov/compostguide)



AZCSA WEBSITE


- [WWW.AZDEQ.GOV/SCIENCEALLIANCE](http://www.azdeq.gov/sciencealliance)
 - HANDBOOK
 - VIDEO LESSON




DATA PORTAL

- ADD URL

WEEK 2 COMPOSTING DATA:

 ___/___/20___
DATE

 _____ LBS
CONTAINER + BROWNS
+ FOOD SCRAPS

-  AREA AND SET UP
 THE COMPOST
 OTHER: _____


TEMPERATURE:

 _____ °C

PH

 _____ SU


OZONE:

 _____ ppb


AIR QUALITY INDEX:

 _____ AQI
*Use Average Value

BAROMETRIC PRESSURE

 _____ mBar

TEMPERATURE

 _____ °C

CHECK LIST:

1. AERATED

- YES
 NO

2. PESTS PRESENT


- FLIES
 MAGGOTS
 FRUIT FLIES
 OTHER: _____

3. SMELL PRESENT


- AMMONIA
 ROTTEN EGGS
 EARTHY
 SEWAGE
 OTHER: _____

NOTES:

WEEK 3 COMPOSTING DATA:

 ___/___/20___
DATE

 _____ LBS
CONTAINER + BROWNS
+ FOOD SCRAPS

-  AREA AND SET UP
 THE COMPOST
 OTHER: _____

TEMPERATURE:

 _____ °C

PH

 _____ SU

OZONE:

 _____ ppb

AIR QUALITY INDEX:

 _____ AQI
*Use Average Value

BAROMETRIC PRESSURE

 _____ mBar

TEMPERATURE

 _____ °C

CHECK LIST:

1. AERATED

- YES
 NO

2. PESTS PRESENT

- FLIES
 MAGGOTS
 FRUIT FLIES
 OTHER: _____


3. SMELL PRESENT

- AMMONIA
 ROTTEN EGGS
 EARTHY
 SEWAGE
 OTHER: _____

NOTES:

FORM CHECKED BY:

WEEK 4 COMPOSTING DATA:

 ___/___/20___
DATE

 _____ LBS
CONTAINER + BROWNS
+ FOOD SCRAPS

- AREA AND SET UP
- THE COMPOST
- OTHER: _____

TEMPERATURE:

 _____ °C

PH

 _____ SU

OZONE:

 _____ ppb

AIR QUALITY INDEX:

 _____ AQI
*Use Average Value

BAROMETRIC PRESSURE

 _____ mBar

TEMPERATURE

 _____ °C

CHECK LIST:

1. AERATED

- YES
- NO

2. PESTS PRESENT

- FLIES
- MAGGOTS
- FRUIT FLIES
- OTHER: _____






3. SMELL PRESENT

- AMMONIA
- ROTTEN EGGS
- EARTHY
- SEWAGE
- OTHER: _____

NOTES:

PROJECT FINISH INFORMATION:

TOP 3 ITEMS ADDED:

-  COFFEE GROUND
-  EGG SHELLS
-  FRUIT (CIRCLE OPTION BELOW)
 - SCRAPS
 - WENT BAD/SPOILED
-  VEGETABLES (CIRCLE OPTION BELOW)
 - SCRAPS
 - WENT BAD/SPOILED
-  OTHER:

COMPOST USE:

 DID YOU USE THE COMPOST YOU CREATED? YES NO

IF YES, HOW DID YOU USE IT?

FINAL WEIGHT: # FROM WEEK 4

 _____ LBS
CONTAINER + BROWNS
+ FOOD SCRAPS



FINAL NOTES:

FORM CHECKED BY:
