

# Life Cycle of Plastics Worksheet

#Eco360

Activity 2 - What are Plastics?

## Instructions for Jigsaw Group Research:

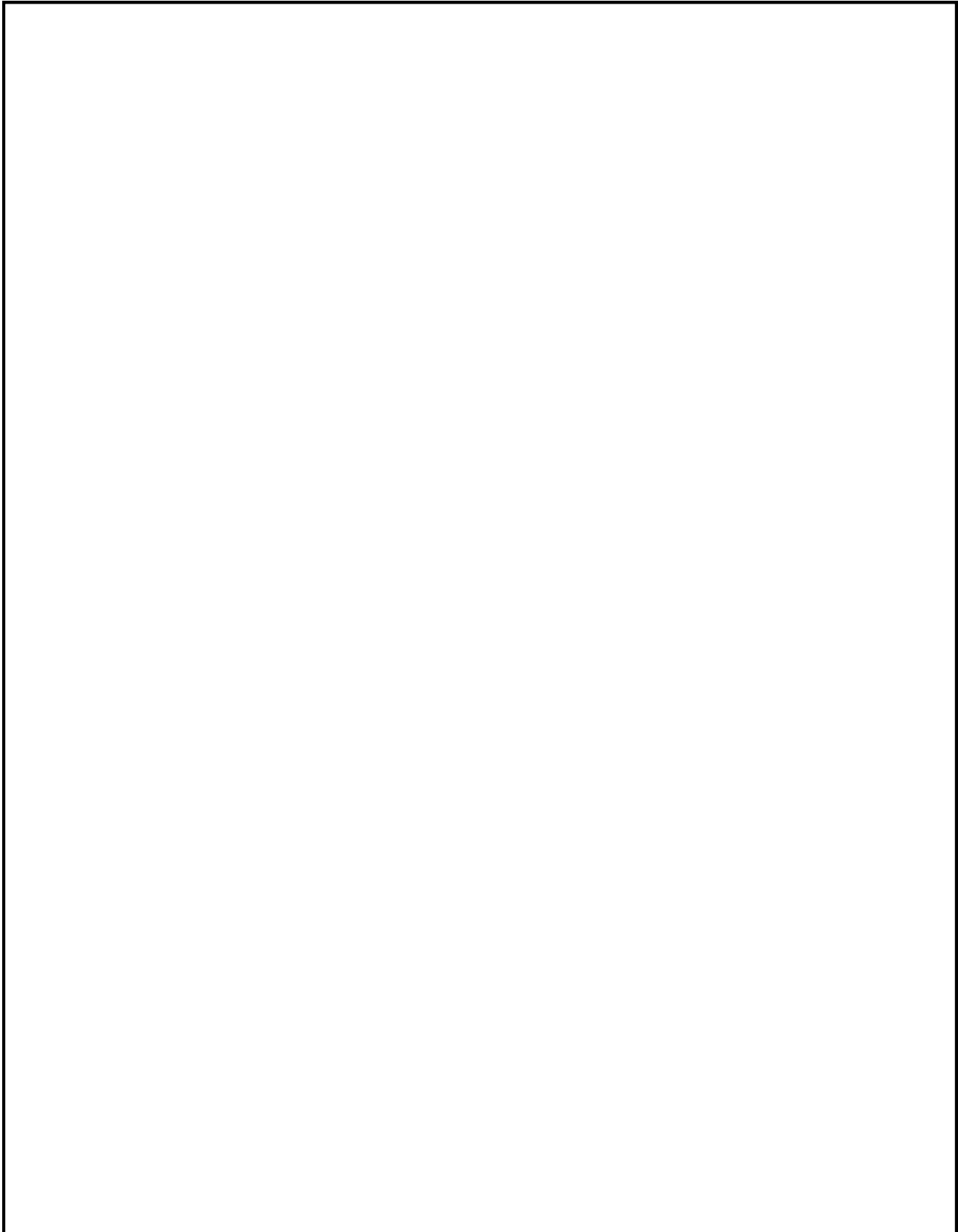
1. Distribute the Life Cycle of Plastics Infographic to learners provided on the activity webpage, linked [here](#).
2. After forming jigsaw groups, assign one life cycle stage out of the five provided to each learner in a jigsaw group for research. Following instructions on the activity, have learners complete the research.
3. Have learners record their research in this worksheet under the life cycle stage assigned:
  - a. Feedstock
  - b. Plastic Production
  - c. Product Manufacturing
  - d. Use
  - e. Post Use

## Recommended Resources for Research:

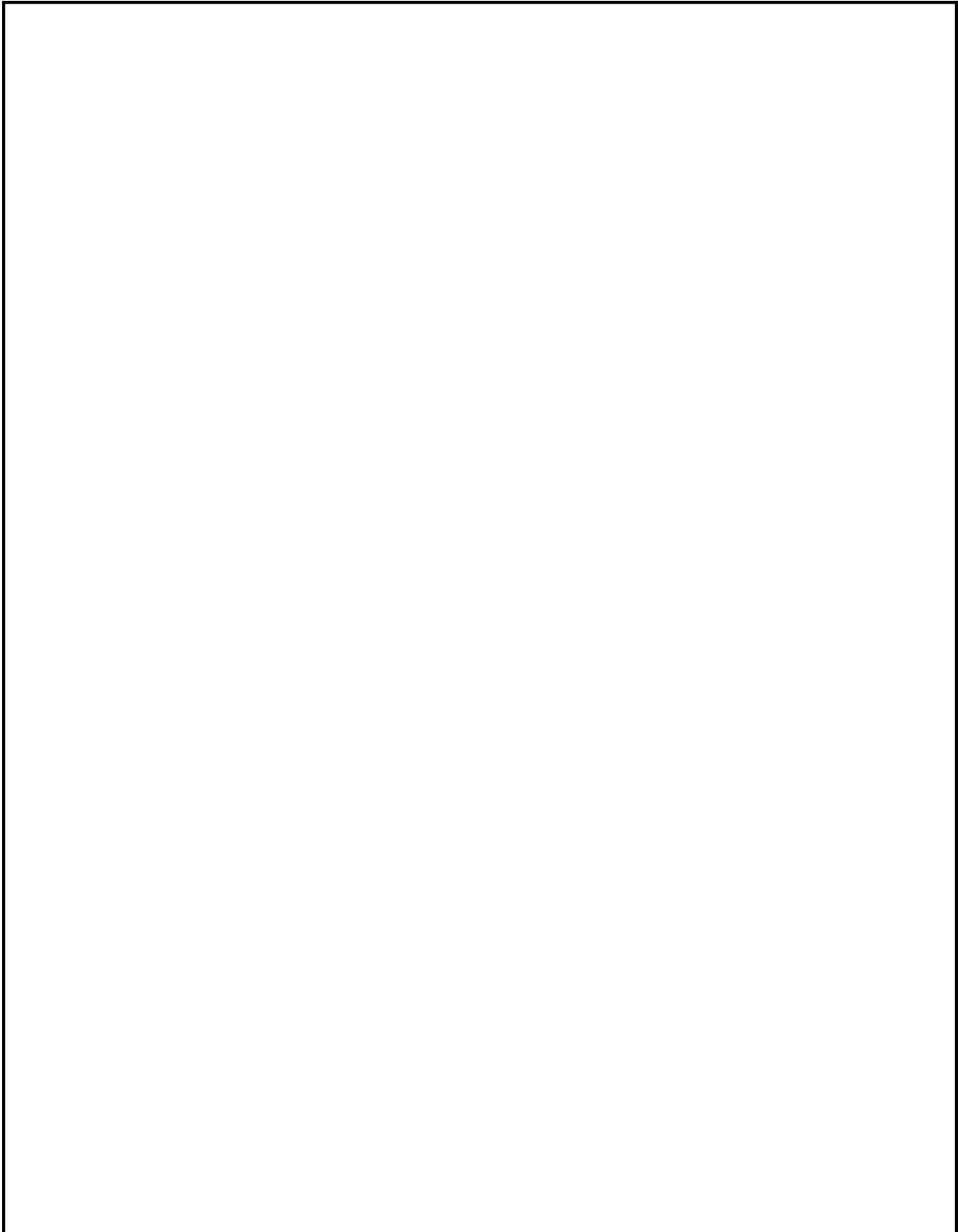
Learners can research the life cycle stage on their own. Here are a few recommended resources to get them started on research:

1. Lifecycle of a Plastic Product - article  
<https://plastics.americanchemistry.com/Lifecycle-of-a-Plastic-Product/>
2. What Really Happens to the Plastic You Throw Away - a Ted Talk video  
[https://www.youtube.com/watch?v=6xINyWPpB8&feature=emb\\_title](https://www.youtube.com/watch?v=6xINyWPpB8&feature=emb_title)
3. Plastic Packaging Resources  
<https://www.plasticsoupfoundation.org/en/plastic-facts-and-figures/#productie>
4. Plastic in the Environment - a library of articles  
<https://www.plasticsoupfoundation.org/en/plastic-problem/plastic-environment/>
5. The Life Cycle of Plastic - article  
<https://www.generalkinematics.com/blog/the-life-cycle-of-plastic/>

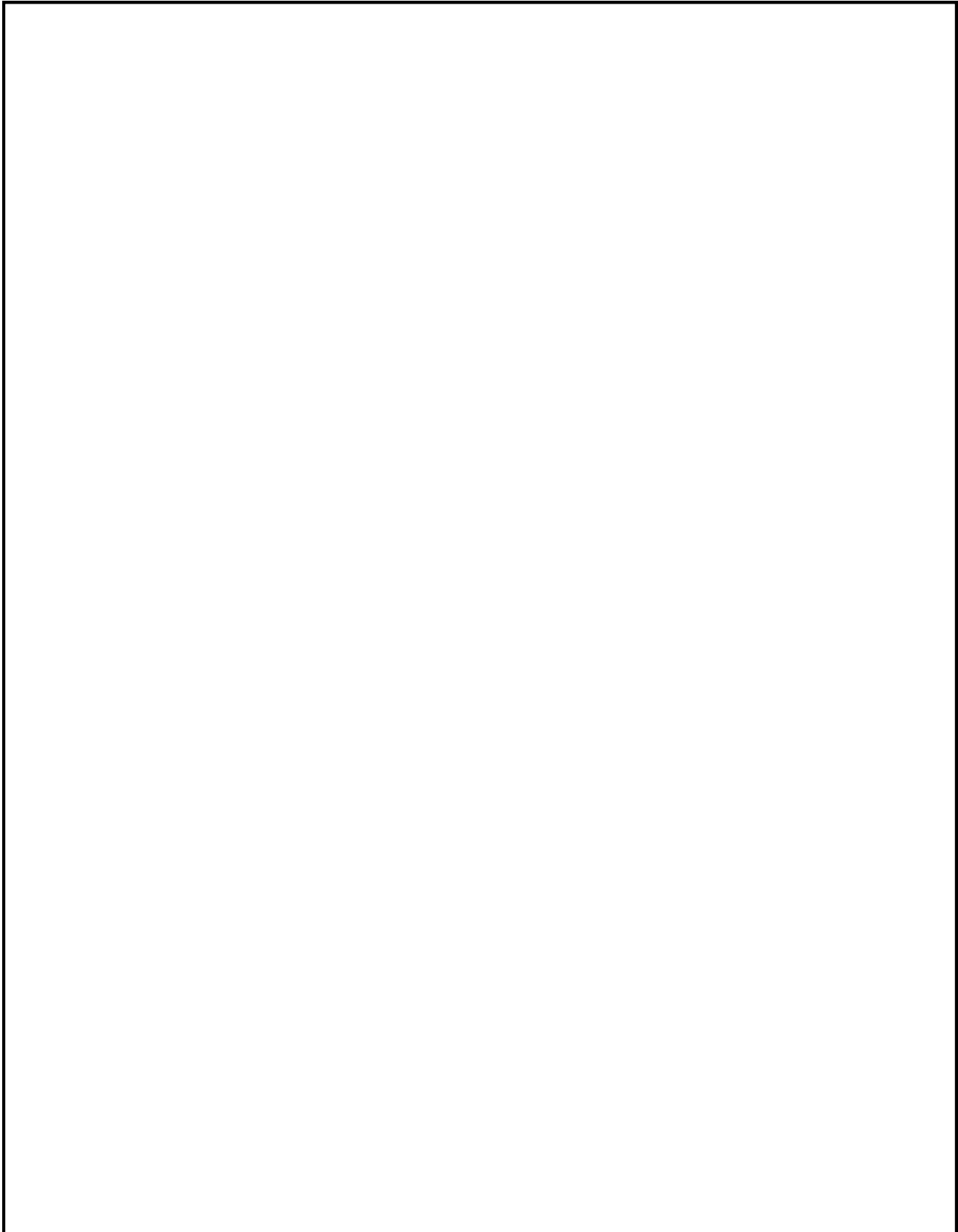
## Life Cycle Stage 1: Feedstock



## Life Cycle Stage 2: Plastic Production



## Life Cycle Stage 3: Product Manufacturing



## Life Cycle Stage 4: Use



## Life Cycle Stage 5: Post Use

