

A STEM in the Park

Take Home Activity

STEM

in the **PARK**™

Science, Technology, Engineering, and Mathematics

The Extraordinaires®

Background:

Your mission, should you choose to accept it, is to design an extraordinary object for an extraordinary character with extraordinary needs! Your character is counting on you to create the ultimate object. Welcome to the world of The Extraordinaires...and good luck!

What you need:

- Your amazing imagination
- A bit of empathy
- Any writing/drawing/coloring tool
- The Extraordinaires grid paper on the other side



I need...
a time keeper

Get to know your Extraordinaire:

The Fairy is an Extraordinaire because of her size and magical powers. She inhabits a natural micro world AND she can fly. We see from the magical glow and sparkling lights that surround her that she has magical powers. She is very small; around the size of a dragonfly.

She lives among nature, with the birds, insects and woodland creatures. She can fly from the highest treetops to the grass and flowers of the forest floor. Her clothes and shoes are made from petals, buds and leaves.

Continued on back

Get to know your Extraordinaire cont.

Let's look at the Fairy's needs....

She is extremely small, light and delicate:

- She might struggle to lift heavy objects.
- She might need to protect herself from the wind and rain.

She needs to be very fit, so she can fly and run:

- She must take care of her body and eat well.

She lives among nature:

- She must be careful not to harm the woodland environment.

Design:

Now doodle and label the perfect time-keeping device that would meet the needs of our Fairy!

When you're finished, be sure to share your design with someone and continue to make improvements!

the EXTRAORDINAIRES[®]
PRODUCT NAME

EXTRAORDINAIRE

OBJECT

DESIGNER

DATE