Science Review 1

PART A. Use the words from the box. Write each word next to the correct clue or definition.

overshoot day – ecological deficit – ecological overshoot – global hectares – demand side – supply side – biocapacity – ecological footprint

1. _____ The ecological assets that a given population requires to produce the natural resources it consumes and to absorb its waste. Examples, livestock, fishing products, plant-based foods, etc.
2. _____ A region's biocapacity is bigger than their ecological footprint.
3. _____ Day of the calendar when humanity has used the resources that it takes the planet the full year to regenerate.
4. _____ the only metric that measures how much nature we have and how much nature we use.
5. _____ The ecosystems' capacity to produce biological materials used by people and to absorb waste material generated by humans.
6. _____ The productivity of the ecological assets of states, countries, or nations. Example, croplands, forests, fishing grounds, etc.
7. _____ Unit of measurement that ecological footprint and biocapacity are both expressed in.
8. _____ A population's ecological footprint exceeds their biocapacity.

LIVEWORKSHEETS

PART B. Use the words from the box to complete the following sentences about light. Use each word once.

frosted glass – transparent – secondary - substances – black – clear glass – translucent – reflected – cyan – white – absorbed – wood – opaque – primary – magenta

1. When light strikes an object, the light can be_____, transmitted, or_____.
2. A _____ material transmits most of the light that strikes it.
3. A _____ material scatters the light that passes through it.
4. An _____ material reflects or absorbs all of the light that strikes it.
5. A _____ is an example of a transparent material.
6. A _____ is an example of a translucent material.
7. _____ is an example of a translucent material.
8. _____ colors can combine to make any other color.
9. Two primary colors combine in equal amounts to make _____ colors.
10. _____ light is produced when the three primary colors of light are combined.
11. Inks, paints, and dyes contain pigments, or colored _____ that are used to color other materials.
12. _____, yellow, and _____ are the primary colors of pigments.
13. When the three primary colors of pigments are combined, they produce _____.

LIVEWORKSHEETS